

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

## TASK 1.1 Drinking Water Plan Review

Review applications for drinking water projects including new water production, treatment, storage and distribution facilities and appurtenances, modifications to existing facilities, and point-of-use/point-of-entry devices. Review plans for swimming pools.

Assist individual drinking water systems to improve operations on site.

### 1.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section |
|---|-------------|--------|---------------------|
| 1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers. |             |        |                     |
| a Approvals to Construct (ATC)  | Semi-Annual | 216    | Drinking Water      |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| b Approvals of Construction (AOC)   | Semi-Annual | 170    | Drinking Water      |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |

| 1.1 FTE Funding Source         | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|--------------------------------|------|-----------|--------|----------|--------|---------|
| WQFF-APP DWSRF Federal [Match] | 0.50 | 31,159    | 13,710 | 20,074   |        | 64,943  |
| WQFF-APP                       | 0.25 | 17,138    | 7,541  | 11,041   |        | 35,720  |
| SDW (VEI) DWSRF 10% [Match]    | 0.81 | 52,708    | 23,191 | 33,957   |        | 109,856 |
| DWSRF 10%                      | 1.42 | 82,578    | 36,334 | 53,201   |        | 172,113 |
| TOTALS                         | 2.98 | 183,583   | 80,776 | 118,273  |        | 382,632 |

### End of Year Summary

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## TASK 1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

### 1.2 DELIVERABLES

| OUTPUT DESCRIPTION   | Target        | Actual    | Responsible Section      |
|--|---------------|-----------|--------------------------|
| 1 Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status  | 3/16/2016     | 6/27/2016 | Drinking Water           |
| 2 Provide technical assistance to small water systems using state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state.<br>Q1 Status System Evaluations Q1: Chloride DWID (AZ0408005); Treatment Evaluations Q1: Valley View for As (AZ0407677)<br>Q2 Status System Evaluations Q2: Quail Ridge DWID (AZ0413307), Sanders USD (AZ0401022), City of St Johns (AZ0401012), Jakes Corner Water System (AZ0404029). Treatment Evaluations Q2: Shangri La Ranch for As (AZ0407660), Sanders USD for Ur (AZ0401022), Jakes Corner Water System for As (AZ0404029)<br>Q3 Status System Evaluations Q3: Mohawk Utility Co. (AZ0414030) & Bouse Worley Co-op (now Bouse Water District) (AZ0415038). Treatment Evaluations Q3: Peek-a-Boo Co-op for As (AZ0407671), Green Acres for As (AZ0414065), Sun Leisure Estates for Ur (AZ0414075), Crown King Water Co. for Cd (AZ0413027) & Bouse Water District for As (AZ04154038). Mohawk Utility was also provided with an O&M Plan and EO Plan and filtration optimization assistance.<br>Q4 Status System evaluations Q4: Golden Shores (AZ0408024). Corrosion control studies were done for Orange Grove Elementary School (AZ0414105), Oak Creek School (AZ0413095) & Holbrook Indian SDA School (AZ0409309). | Semi-Annually | 20        | Drinking Water           |
| 3 Develop small water systems compliance strategy<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status  | 6/30/2016     | 6/30/2016 | Drinking Water, Director |

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## TASK 1.2 Drinking Water Technical Assistance

Continued

### 1.2 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual     | Responsible Section |
|---|------------|------------|---------------------|
| 4 If resources are available, ADEQ will attend the EPA-ORD Small Systems Compliance Technology Workshop in Cincinnati, OH.<br><br>Q1 Status Two ADEQ staff members attended the workshop.<br><br>Q2 Status<br>Q3 Status<br>Q4 Status              | 8/28/2015  | 8/10/2015  | Drinking Water      |
| 5 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conferences/workshop.<br><br>Q1 Status<br>Q2 Status One staff member from ADEQ attended the conference.<br><br>Q3 Status<br>Q4 Status | 12/15/2015 | 12/10/2015 | Drinking Water      |

| 1.2 FTE Funding Source                    | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|---|------|-----------|--------|----------|---------|---------|
| SDW (VEI) DWSRF 10% [Match]               | 0.50 | 20,861    | 9,179  | 13,440   |         | 43,480  |
| SDW (VEI)                                 | 0.33 | 15,286    | 6,726  | 9,848    |         | 31,860  |
| DWSRF 10%                                 | 0.54 | 20,455    | 9,000  | 13,178   |         | 42,633  |
| Contract: Oper Tech Assist (2% set aside) |      |           |        |          | 150,000 | 150,000 |
| TOTALS                                    | 1.37 | 56,602    | 24,905 | 36,466   | 150,000 | 267,973 |

### End of Year Summary

The capacity development program published the Master Priority List for public comment as required by rule on May 27, 2016. An oral proceeding was held on June 27th to accept comments. No one attended the hearing so the MPL went final on 6/27/16. The program provided technical assistance to 17 PWS for 20 different tasks including system evaluations, treatment evaluations and corrosion control studies. Over \$175,000 was spent on technical assistance. In addition, six management track trainings were held for owners and managers of small water systems. Over 150 people attended these two day events.

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## TASK 1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

### 1.3 DELIVERABLES

| OUTPUT DESCRIPTION                               | Target  | Actual | Responsible Section |
|--|---|--------|---------------------|
| 1 Conduct training workshops.                    | 6   | 6      | Drinking Water      |
| Q1 Status  |   |        |                     |
| Q2 Status  | Two, two day capacity development events were held with 121 attendees and five additional one day training events were held with a total of 324 attendees (138 attendees attended via go to meeting). ADEQ is on track to meet the workplan commitment  |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  | For the entire FY16, Five, two day capacity development events were held with 343 attendees. One, three day capacity development event was held with 108 attendees. Twelve, additional one day events were hosted at ADEQ with 333 attending in person and 300 participating via webinar. Total outreach number for FY16 was 1,114 individuals. |        |                     |
| 2 Report certificates issued by class and grade: |   |        |                     |
| a Distribution Grade 1                           | Semi-Annual   | 244    | Drinking Water      |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |
| b Distribution Grade 2                           | Semi-Annual   | 97     | Drinking Water      |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |
| c Distribution Grade 3                           | Semi-Annual   | 60     | Drinking Water      |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |

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## TASK 1.3 Operator Certification

Continued

### 1.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section |
|--|-------------|--------|---------------------|
| d Distribution Grade 4   | Semi-Annual | 34     | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| e Treatment Grade 1  | Semi-Annual | 161    | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| f Treatment Grade 2  | Semi-Annual | 70     | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| g Treatment Grade 3  | Semi-Annual | 50     | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| h Treatment Grade 4  | Semi-Annual | 32     | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| 3 Review and verify professional development hours for certification renewals. | 10%         | 100%   | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |

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## TASK 1.3 Operator Certification

Continued

### 1.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual   | Responsible Section |
|--|-----------|----------|---------------------|
| 4 Conduct annual audit of approved third party proctors.   | 100%      | 100%     | Drinking Water      |
| Q1 Status  |           |          |                     |
| Q2 Status Annual audit is planned for Q3   |           |          |                     |
| Q3 Status  |           |          |                     |
| Q4 Status Annual audit was conducted at Gateway Community College, Main Campus in Phoenix on January 26, 2016. |           |          |                     |
| 5 FY16 Annual Report to EPA  | 9/15/2015 | 8/7/2015 | Drinking Water      |
| Q1 Status  |           |          |                     |
| Q2 Status  |           |          |                     |
| Q3 Status  |           |          |                     |
| Q4 Status  |           |          |                     |

| 1.3 FTE Funding Source                          | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|---|------|-----------|--------|----------|---------|---------|
| WQFF-APP DWSRF Federal [Match]                  | 0.75 | 28,410    | 12,500 | 18,303   |         | 59,213  |
| SDW (VEI) DWSRF 10% [Match]                     | 1.67 | 85,783    | 37,745 | 55,266   |         | 178,794 |
| SDW (VEI)                                       | 0.25 | 15,143    | 6,663  | 9,756    |         | 31,562  |
| PPG   | 0.75 | 34,626    | 15,235 | 22,308   |         | 72,169  |
| Contract: Operator Certification (2% set aside) |      |           |        |          | 150,000 | 150,000 |
| TOTALS  | 3.42 | 163,962   | 72,143 | 105,633  | 150,000 | 491,738 |

### End of Year Summary

The upgrades to the Safe Water Operator Certification System (SWOCS) in FY07 and again in FY12 continued to be beneficial to the program in FY16 by facilitating the notification of PWSs who do not have a certified operator of record. Due to the decrease in number of PWSs without an operator record the operator certification took a more hands on approach by contacting systems by phone. As of June 30, 2016, two PWSs did not have a certified operator of record, a significant improvement from FY15 when there were 20 PWSs without a certified operator.

Five, two day capacity development events were held with 343 attendees. One, three day capacity development event was held with 108 attendees. IN addition there were twelve, one day events hosted at ADEQ with 333 attending in person and 300 participating via webinar. Total number of attendees for FY16 was 1,084.

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## TASK 1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

### 1.4 DELIVERABLES

| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section |
|--|-------------|--------|---------------------|
| 1 Report permitting decisions on elementary business plan applications.  | Semi-Annual | 2      | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status By close of Q2 FY 2015, sufficient Elementary Business Plans have been received and approved by ADEQ from: Desert Spring DWID (10/26/2015).                              |             |        |                     |
| Q3 Status By close of Q3 FY 2015, sufficient Elementary Business Plans have been received and approved by ADEQ from: Wholesum Farms Arizona, Chrisantes Greenhouse LLC (2/3/2016). |             |        |                     |
| Q4 Status  |             |        |                     |
| 2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following topics:   |             |        |                     |
| a Monitoring Assistance Program  | 2           | 2      | Drinking Water      |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status MAP discussed in workshop on 2/2/16  |             |        |                     |
| Q4 Status MAP discussed in workshop on 5/3/16  |             |        |                     |
| b New PWS capacity development   | 2           | 2      | Drinking Water      |
| Q1 Status Capacity Development discussed in workshop on 8/13/15, 9/29/15   |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| c EMP/ERP/VA   | 2           | 4      | Drinking Water      |
| Q1 Status EMP/ERP/VA discussed in workshop on 9/29/15  |             |        |                     |
| Q2 Status EMP/ERP/VA discussed in workshop on 10/20/15   |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status EMP/ERP/VA discussed in workshop on 1/13/16, 3/23/16   |             |        |                     |

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## TASK 1.4 New and Existing System Capacity Development

Continued

### 1.4 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual    | Responsible Section     |
|--|-----------|-----------|-------------------------|
| d Existing Safe Drinking Water rules   | 4         | 18        | Drinking Water          |
| Q1 Status Rules discussed in workshop on 7/15/15, 9/15/15, 9/29/15   |           |           |                         |
| Q2 Status Rules discussed in workshop on 10/15/15, 10/20/15, 11/19/15  |           |           |                         |
| Q3 Status Rules discussed in workshop on 1/7/16, 1/13/16, 2/2/16, 2/23/16, 3/8/16, 3/21/16   |           |           |                         |
| Q4 Status Rules discussed in workshop on 4/7/16, 4/19/16, 5/3/16, 6/2/16, 6/16/16, 6/21/16   |           |           |                         |
| 3 FY15 Annual Report   | 9/15/2015 | 8/7/2015  | Drinking Water          |
| Q1 Status  |           |           |                         |
| Q2 Status  |           |           |                         |
| Q3 Status  |           |           |                         |
| Q4 Status  |           |           |                         |
| 4 Re-evaluate the capacity development program as part of the development of the small systems compliance strategy identified in Task 1.2. | 6/30/2016 | 6/30/2016 | Drinking Water Director |
| Q1 Status  |           |           |                         |
| Q2 Status  |           |           |                         |
| Q3 Status  |           |           |                         |
| Q4 Status Small Systems Plan completed on 6/30/16.   |           |           |                         |

| 1.4 FTE Funding Source | FTE  | Personnel | ERE   | Indirect | Others | Total  |
|------------------------|------|-----------|-------|----------|--------|--------|
| SDW (VEI)              | 0.33 | 15,286    | 6,726 | 9,848    |        | 31,860 |
| DWSRF 10%              | 0.04 | 2,576     | 1,133 | 1,659    |        | 5,368  |
| TOTALS                 | 0.37 | 17,862    | 7,859 | 11,507   |        | 37,228 |

### End of Year Summary



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## TASK 1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

### 1.5 DELIVERABLES

| OUTPUT DESCRIPTION   | Target  | Actual    | Responsible Section |
|--|---|-----------|---------------------|
| 1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for: |   |           |                     |
| a Groundwater PWSs   | Quarterly   | Quarterly | Drinking Water      |
| Q1 Status  |   |           |                     |
| Q2 Status  | As of the close of Q2 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems. |           |                     |
| Q3 Status  |   |           |                     |
| Q4 Status  | As of the close of Q4 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems. |           |                     |
| b Surface water PWSs   | Quarterly   | Quarterly | Drinking Water      |
| Q1 Status  |   |           |                     |
| Q2 Status  | As of the close of Q2 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems. |           |                     |
| Q3 Status  |   |           |                     |
| Q4 Status  | As of the close of Q4 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems. |           |                     |

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## TASK 1.5 Drinking Water Monitoring Assistance Program (MAP)

Continued

| 1.5 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|------------------------|------|-----------|--------|----------|---------|---------|
| SDW (VEI)              | 0.48 | 30,040    | 13,217 | 19,353   |         | 62,610  |
| Map Fee Fund           | 1.00 | 46,017    | 20,248 | 29,647   |         | 95,912  |
| Contract: Map Lab      |      |           |        |          | 550,000 | 550,000 |
| TOTALS                 | 1.48 | 76,057    | 33,465 | 49,000   | 550,000 | 708,522 |

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Approximately 45 days after the conclusion of each quarter, monitoring results are analyzed using SDWIS to determine if monitoring schedules for MAP should be adjusted. During FY16, ADEQ undertook a process to review all inorganic, synthetic organic and volatile organic chemicals schedules for accuracy with sampling data, this was completed 6/17/2016. The Monitoring Assistance Program (MAP) completed its 17th year of operations in FY16 and continues to be a strongly supported program by the regulated community. By conducting baseline EPDS compliance monitoring for the participating PWSs serving less than 10,000 people (and for PWSs serving greater 10,000 that opt into the program), MAP continues to lower the number of potential missed monitoring/reporting violations state wide. MAP also invoiced the MAP systems in November 2015, mailed and processed MAP annual update cards in May 2016, and in June 2016 provided refunds to the systems with monies remaining in the MAP account following the fulfillment of the 2015 laboratory contract obligations.

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## TASK 1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

### 1.6 DELIVERABLES

| OUTPUT DESCRIPTION   | Target       | Actual    | Responsible Section |
|--|--------------|-----------|---------------------|
| 1 Complete SDWIS reporting for OECA on actions taken on systems with new violations.<br>Q1 Status Q1 upload completed on 8/14/2015.<br>Q2 Status Q2 upload completed on 11/13/2015.<br>Q3 Status Q3 upload conducted on 2/12/2016.<br>Q4 Status Q4 upload completed June 01, 2016 due to issues with invalid RTCR indicator errors.  | Quarterly    | Quarterly | Drinking Water      |
| 2 Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run.<br>Q1 Status Rules not run by conclusion of Q1 FY16: SOC and VOC out of Chemical Phase rules, Radiochemicals, and portions of the Disinfection By Product rule.<br>Q2 Status ADEQ is not current on compliance for rules pertaining to Synthetic Organic Chemicals, Volatile Organic Chemicals, and Stage 1 and 2 Disinfection by Products. A staff member is currently being trained and working towards currency on SOC and VOCs.<br>Q3 Status Rules not run by conclusion of 3Q FY16 are the chemical phase rules and disinfection byproducts rules.<br>Q4 Status By the conclusion of Q4 FY 2016, the only rule not being run and reported through SDWIS is Stage 2 disinfection byproducts. | Semi-Annual  | Quarterly | Drinking Water      |
| 3 Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.<br>Q1 Status Monthly PWS conference calls held on: 7/16/2015, 8/27/2015, 9/9/2015 (EoY)<br>Q2 Status Monthly PWS conference calls held on: 10/15/15, 11/19/2015 and 12/10/2015.<br>Q3 Status Monthly PWS calls held on: 1/21/2016, 2/18/2016, 3/17/2016.<br>Q4 Status Monthly PWS calls held on: 5/19/2016, 6/16/2016. End of Year/ closeout meetings held the week of April 4, 2016.  | Monthly (12) | 12        | Drinking Water      |
| 4 Complete GUDI determinations on new groundwater sources as they are developed. Report determinations.<br>Q1 Status No systems have been identified as GUDI-suspect Q1 of FY16.<br>Q2 Status No systems identified as GUDI during Q2 FY2016.<br>Q3 Status No systems identified as suspected GUDI during Q3 FY16.<br>Q4 Status No systems identified as GUDI suspect during Q4 FY2016.  | Semi-Annual  | 0         | Drinking Water      |

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## TASK 1.6 Drinking Water Monitoring and Reporting

Continued

### 1.6 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual   | Responsible Section      |
|--|--|----------|--------------------------|
| 5 Review and respond to incremental primacy crosswalks comments as provided by EPA for Stage 1 and Stage 2 DBPs.   | Within 45 days of receipt from EPA Region 9  |          | Drinking Water, Director |
| Q1 Status  |  |          |                          |
| Q2 Status  | ADEQ has received comments from EPA and expects to resubmit the crosswalks in the 3rd Quarter  |          |                          |
| Q3 Status  |  |          |                          |
| Q4 Status  | ADEQ and EPA are in active discussions regarding the crosswalk for Disinfection Byproducts and other rules as of end of Q4 FY2016.   |          |                          |
| 6 Review the January 2015 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY16                   | 7/1/2015   | 9/1/2015 | Drinking Water           |
| Q1 Status  | Completed in FY2015.   |          |                          |
| Q2 Status  | Completed in FY2015.   |          |                          |
| Q3 Status  | Completed in FY2015.   |          |                          |
| Q4 Status  | Completed in FY2015.   |          |                          |
| 7 Continue ADEQ's efforts to incorporate by reference the Lead and Copper Rule Short Term Revision (LCR STR) and the Revised Total Coliform Rule (RTCR). | 4/1/2016   | 4/2/2016 | Drinking Water Director  |
| Q1 Status  |  |          |                          |
| Q2 Status  | ADEQ has received an exception to the rule moratorium and is in the rule making proces to incorporate by reference the Revised Total Coliform Rule and the Lead and Copper Rule Short Term Revision by 4/2/2016. |          |                          |
| Q3 Status  |  |          |                          |
| Q4 Status  | RTCR and short term revisions to the Lead and Copper Rule were incorporated by reference on 04/02/2016.  |          |                          |
| 8 Draft a SDWIS-Prime transition plan that identifies the team members, the leader, and a timeline.  | 4/1/2016   |          | Drinking Water, IT       |
| Q1 Status  |  |          |                          |
| Q2 Status  | Without more firm commitments towards a delivery date or feature set, ADEQ is unable to draft a usable timeline or path to completion on a migration to SDWIS/Prime.   |          |                          |
| Q3 Status  |  |          |                          |
| Q4 Status  | Without more firm commitments towards a delivery date or feature set, ADEQ is unable to draft a usable timeline or path to completion on a migration to SDWIS/Prime.   |          |                          |

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## TASK 1.6 Drinking Water Monitoring and Reporting

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### 1.6 DELIVERABLES

| OUTPUT DESCRIPTION  | Target   | Actual   | Responsible Section  |
|---|----------|----------|--|
| 9 Update SDWIS to ensure PWSs owned and operated by schools are properly identified                     | 6/1/2016 | 6/1/2016 | Drinking Water   |
| Q1 Status   |          |          |  |
| Q2 Status   |          |          |  |
| Q3 Status   |          |          |  |
| Q4 Status   |          |          | During the normal process of sanitary surveys, inspectors determine if a water system primarily serves a school or educational facility. In conjunction with the School Sourcewater Protection Program, updates are addressed as identified. |
| 10 Develop a procedure/process to document ADEQ's oversight of the SDWA to delegated counties.          | 6/1/2016 |          | Drinking Water Compliance  |
| Q1 Status   |          |          |  |
| Q2 Status   |          |          |  |
| Q3 Status   |          |          |  |
| Q4 Status   |          |          | ADEQ is currently working on a framework for oversight of its delegated counties and plans to use the upcoming data verification and previously completed program audit as an example in FY2017.   |
| 11 If resources are available, ADEQ will attend the annual ASDWA/EPA Data Management Users Conferences. | 5/1/2016 |          | Drinking Water   |
| Q1 Status   |          |          |  |
| Q2 Status   |          |          |  |
| Q3 Status   |          |          |  |
| Q4 Status   |          |          | Due to requests for information regarding ADEQ's handling of the Lead and Copper Rule as well as multiple ongoing process improvement projects, ADEQ was forced to cancel attendance at the conference at the last minute.                   |

# SFY 2016 WORKPLAN - Quarter Status Report

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Objective 2.1 Protect Human Health

## TASK 1.6 Drinking Water Monitoring and Reporting

Continued

| 1.6 FTE Funding Source      | FTE  | Personnel | ERE     | Indirect | Others | Total   |
|-----------------------------|------|-----------|---------|----------|--------|---------|
| Wellhead                    | 1.32 | 69,082    | 30,396  | 44,506   |        | 143,984 |
| SDW (VEI) DWSRF 10% [Match] | 1.04 | 51,741    | 22,766  | 33,334   |        | 107,841 |
| SDW (VEI)                   | 1.34 | 69,431    | 30,550  | 44,732   |        | 144,713 |
| DWSRF 10%                   | 4.56 | 240,311   | 105,737 | 154,822  |        | 500,870 |
| TOTALS                      | 8.26 | 430,565   | 189,449 | 277,394  |        | 897,408 |

### End of Year Summary

In fourth quarter FY2016, ADEQ began several projects to improve the Drinking Water Section's handling of the Safe Drinking Water Act through SDWIS and bring reporting on violations and enforcement actions current for all rules. By the conclusion of FY2016, ADEQ has run compliance on all chemical phase rules through SDWIS for the first time since at least FY2013 and approved two years of backlogged Stage 2 disinfection byproducts plans.

Despite a state-wide moratorium on rule making, ADEQ was able to adopt the Revised Total Coliform Rule and short term revisions to the Lead and Copper Rule; incorporating both by reference on April 02, 2016.

Without firm dates for the implementation of CDMP and SDWIS/Prime, ADEQ is unable to devise a transition plan or timeline for adoption. This uncertainty impacts long-term data management strategies like implementation of Lab to State and other electronic reporting options. By the end of Q4 FY2016, ADEQ had completed testing to allow the contractor for our Monitoring Assistance Program to submit data electronically and looks forward to receiving data in Q1 FY2017 in this fashion.

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## TASK 1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).

- a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
- b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
- c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

### 1.7 DELIVERABLES

| OUTPUT DESCRIPTION   | Target | Actual | Responsible Section |
|--|--------|--------|---------------------|
| 1 Conduct Source Water Protection Program outreach events with individual PWSs.  | 6      | 11     | Drinking Water      |
| Q1 Status CAP Dev Workshop<br>Accelerated learning Center (0410197)<br>CAP Dev Workshop/Flagstaff (2 presentations)<br>AZ Rural Schools Conference |        |        |                     |
| Q2 Status Southern AZ Environmental Society  |        |        |                     |
| Q3 Status 11090 Davis Ranch Land Owners 2/3/16   |        |        |                     |
| Q4 Status Buckskin Artist Community<br>Clear Creek Mobile Home Park<br>AZ Water Conference<br>Salpiont school                                      |        |        |                     |
| 2 Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.                                       |        |        |                     |
| A)Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.        |        |        |                     |
| a Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.        | 2      | 7      | Drinking Water      |
| Q1 Status # 09088 Sequoia Village school   |        |        |                     |
| Q2 Status #13175 Daniel Bright School  |        |        |                     |
| Q3 Status 13437 Chauncey Ranch, YMCA 3/1/16<br>14050 Dateland Elementary School 3/21/16  |        |        |                     |
| Q4 Status # 11090 Davis Ranch Land Owners<br># 13081 Camp Verde School District<br># 09305 Buckskin Artist Community                               |        |        |                     |

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## TASK 1.7 Source Water Protection

Continued

### 1.7 DELIVERABLES

| OUTPUT DESCRIPTION   | Target | Actual | Responsible Section |
|--|--------|--------|---------------------|
| 3 Conduct comprehensive inventories of potential sources of contamination.   | 6      | 28     | Drinking Water      |
| Q1 Status # 07099 EPCOR Water - Sun City<br># 02071 Ash Creek Elementary School<br># 02054 Northern Sunrise Mustang Crystal<br># 04002 AZ Water Company/ Miami<br># 07092 Town of Gilbert  |        |        |                     |
| Q2 Status 04002 AZ Water Company/Miami<br>07092 Town of Gilbert  |        |        |                     |
| Q3 Status 02028 East Slope Water Company<br>04008 City of Globe<br>02120 Sulger Water Co.<br>03344 Camp Navajo<br>02005 City of Benson<br>11078 Resolution Copper Co.<br>02038 Whetstone Water Co.<br>07056 EPCOR Water Paridice Valley Scottsdale<br>05007 Ash Creek Water Co.<br>02026 Palominos Water Sewer Co.<br>02015 Dargoon Water Co.          |        |        |                     |
| Q4 Status # 04047 Tonto Basin Water<br># 07096 City of Peoria<br># 07125 Tortilla Flat Resort<br># 07683 New River School<br># 07790 Buckeye Armer Forces Reserve Center<br># 10411 Tierra Linda HOA<br># 11039 City of Apache Junction<br># 11117 Lago Del Oro Water Company<br># 13274 City of Cottenwood Quail Canyon 1<br># 14083 USMC Air Station |        |        |                     |



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## TASK 1.7 Source Water Protection

Continued

### 1.7 DELIVERABLES

| OUTPUT DESCRIPTION  | Target    | Actual     | Responsible Section |
|---|-----------|------------|---------------------|
| a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.<br><br>Q1 Status # 09088 Sequoia Village school<br>Q2 Status #13175 Daniel Bright School<br>Q3 Status 13437 Chauncey Ranch, YMCA (3/1/16)<br>14050 Dateland Elementary School (3/21/16)<br>Q4 Status # 11090 Davis Ranch Land Owners<br># 13081 Camp Verde School District<br># 09305 Buckskin Artist Community | 3         | 7          | Drinking Water      |
| b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.<br><br>Q1 Status No changes to the trend were identified.<br>Q2 Status No changes to the trend were identified.<br>Q3 Status No changes to the trend were identified.<br>Q4 Status  | 6/30/2016 | 11/14/2015 | Drinking Water      |
| 4 Assist public water systems to identify protection strategies and to implement those strategies.  |           |            |                     |
| a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan<br><br>Q1 Status # 09088 Sequoia Village school<br>Q2 Status #13175 Daniel Bright School<br>Q3 Status 13437 Chauncey Ranch, YMCA (3/1/16)<br>14050 Dateland Elementary School (3/21/16)<br>Q4 Status # 11090 Davis Ranch Land Owners<br># 13081 Camp Verde School District<br># 09305 Buckskin Artist Community   | 4         | 7          | Drinking Water      |

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## TASK 1.7 Source Water Protection

Continued

### 1.7 DELIVERABLES

#### OUTPUT DESCRIPTION

5 Participate in regional source water protection calls/forums.

Target

As  
scheduled/needed

Actual

2

Responsible Section

Drinking Water

Q1 Status Update call to region IX conducted 9/15

Q2 Status

Q3 Status

Q4 Status Mid year conference call 4/7/16

| 1.7 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| Wellhead               | 1.85 | 112,091   | 49,320 | 72,215   |        | 233,626 |
| TOTALS                 | 1.85 | 112,091   | 49,320 | 72,215   |        | 233,626 |

### End of Year Summary

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

### 2.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section |
|---|-------------|--------|---------------------|
| 1 Report number of permitting decisions on Type 4 General Permit applications for on-site wastewater treatment systems and sewage collection systems. |             |        |                     |
| a Construction Authorizations   | Semi-Annual | 122    | Drinking Water      |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| b Discharge Authorizations  | Semi-Annual | 61     | Drinking Water      |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| 2 Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications.                             | Semi-Annual | 27     | Drinking Water      |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| 3 Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus. Table following Task 2.1.                         | Semi-Annual |        | Water Permits       |
| Q1 Status   |             |        |                     |
| Q2 Status   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |

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Goal #2: Protecting America's Waters

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Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Continued

### 2.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section |
|---|-------------|--------|---------------------|
| 4 Report number of permitting decisions on APP and reclaimed water permit applications.<br>Q1 Status<br>Q2 Status 104 from 7/31/15 to 12/31/15<br>Q3 Status<br>Q4 Status 232 from 7/1/15 - 6/30/16  | Semi-Annual | 232    | Water Permits       |
| 5 Provide technical support to WQIG on grant applications & public education.<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status   | As needed   |        | Water Permits       |
| 6 Register existing and new dry wells (Class V injection wells). Report number registered.<br>Q1 Status<br>Q2 Status from 7/31/15 to 12/31/15<br>221 registration forms received<br>795 drywells registered<br>Q3 Status<br>Q4 Status Number of drywells registered:<br>7/1/2015 to 6/30/2016 - 1845<br>Number of forms received: 573 | Semi-Annual | 1845   | Water Permits       |
| 7 Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.)<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status   | Semi-Annual |        | Water Permits       |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

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Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Continued

### 2.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual    | Responsible Section      |
|---|-------------|-----------|--------------------------|
| 8 Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1) | Semi-Annual |           | Water Permits/Compliance |
| Q1 Status   |             |           |                          |
| Q2 Status   |             |           |                          |
| Q3 Status   |             |           |                          |
| Q4 Status   |             |           |                          |
| 9 Manage the Pesticide Contamination Prevention Program   |             |           |                          |
| a Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed.   | Semi-Annual | 30        | Water Permits            |
| Q1 Status   |             |           |                          |
| Q2 Status 15 active ingredients were approved in the 1st and 2nd quarters.  |             |           |                          |
| Q3 Status   |             |           |                          |
| Q4 Status 15 active ingredients were approved in the 3rd and 4th quarters.  |             |           |                          |
| b Publish the annual Groundwater Protection List (GWPL)   | 12/31/2015  | 12/1/2015 | Water Permits            |
| Q1 Status   |             |           |                          |
| Q2 Status Final Groundwater protection list was published on 12/1/2015  |             |           |                          |
| Q3 Status   |             |           |                          |
| Q4 Status The draft 2016 Groundwater Protection List was published in the Arizona Administrative Register on May 20, 2016 for public comment. No comments were received.          |             |           |                          |

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Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Continued

| 2.1 FTE Funding Source         | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|--------------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-APP PPG [Match]           | 3.13  | 180,920   | 79,605  | 116,559  |        | 377,084   |
| WQFF-APP NPS in PPG [Match]    | 0.27  | 17,545    | 7,720   | 11,303   |        | 36,568    |
| WQFF-APP DWSRF Federal [Match] | 2.82  | 157,161   | 69,151  | 101,252  |        | 327,564   |
| WQFF-APP                       | 7.95  | 472,352   | 207,835 | 304,315  |        | 984,502   |
| Wellhead                       | 3.02  | 173,304   | 76,254  | 111,652  |        | 361,210   |
| DWSRF 10%                      | 0.83  | 52,139    | 22,941  | 33,591   |        | 108,671   |
| TOTALS                         | 18.02 | 1,053,421 | 463,506 | 678,672  |        | 2,195,599 |

## End of Year Summary

| Table 1 - APP PERMITS WITH UIC NEXUS |  |
|--------------------------------------|--|
| ProjectName                          | Description  |
| Excelsior Gunnison                   | The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well.   |
| Q1                                   | Application was not received during this period.   |
| Q2                                   | An application was not received during the 2nd quarter but was received on 1/14/16.  |
| Q3                                   |  |
| Q4                                   | The project is a proposed in-situ recovery (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the ore body using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well. The Aquifer Protection Permit application was received by ADEQ on 1/13/16. A letter from ADEQ titled Comprehensive Request for Additional Information was sent to the applicant on 6/17/16. A response is expected to be submitted to ADEQ on or before August 1, 2016. |

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Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 1 - APP PERMITS WITH UIC NEXUS**

| ProjectName                               | Description  |
|---|--|
| Florence Copper, Inc. Pilot Test Facility | FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board Order to remand the APP to ADEQ.  |
| Q1  |  |
| Q2  | A comprehensive request for additional information (RAI) was issued by ADEQ on August 11, 2015. A response letter to the RAI was received on September 14, 2015, and emails with additional responses were received on October 23, 2015, and December 14, 2015. A second request for information (IRSS) was sent on December 22, 2015.   |
| Q3  |  |
| Q4  | A comprehensive request for additional information (RAI) was issued by ADEQ on August 11, 2015. A response letter to the RAI was received on September 14, 2015, and emails with additional responses were received on October 23, 2015, and December 14, 2015. A second request for information (IRSS) was sent on December 22, 2015. FCI responded to the second IRSS on January 25, 2016. ADEQ accepted the responses and drafted the fact sheet and permit. The draft permit and fact sheet were published for comment on April 14, 2016 and a public hearing was held on May 19, 2016. The public comment period ended on May 20, 2016. ADEQ is currently drafting a responsiveness summary to the comments that were received. |
| Kinder Morgan                             | Kinder Morgan plans to develop the St. Johns Gas Unit as a major supplier of CO2 for enhanced recovery of oil and natural gas.   |
| Q1  |  |
| Q2  | ADEQ sent out a IRSS letter on 12/21/2015. Kinder Morgan responded to ADEQ's CRAI letter on October 13, 2015. The previously stimulated wells have all been abandoned, but ADEQ still have questions including the cement bond logs and how they are interpreted, provide what the COCs might be from the injected fluid, & how the PMA and DIA was calculated - using fracture analysis software  |
| Q3  |  |
| Q4  | Kinder Morgan plans to develop the St. Johns Gas Unit as a major supplier of CO2 for enhanced recovery of oil and natural gas.<br>The previously stimulated wells have all been abandoned. The draft permit and fact sheet entered the public notice period on June 24, 2016 and the public comment period closes on July 24, 2016.  |
| Morton Salt                               | Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).   |
| Q1  |  |
| Q2  | ADEQ have not received updates from this site.   |
| Q3  |  |
| Q4  | DEQ has not received updates from this site.   |

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## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 1 - APP PERMITS WITH UIC NEXUS**

| ProjectName   | Description  |
|---|--|
| BHP Miami   | APP to include injection well field. Existing Individual APP Permit #101546.   |
| Q1  |  |
| Q2  | No Activity-No permit has been issued yet.   |
| Q3  |  |
| Q4  | No Activity-No permit has been issued yet.   |
| City of Sedona Wastewater Reclamation Plant – Injection Test Well | Injection testing at the Sedona Wastewater Reclamation Plant (WWRP) using Class A+ reclaimed water to determine sustainable injection rates. Temporary APP 511189 was issued October 2013 and renewed until October 2015.  |
| Q1  |  |
| Q2  | The applicant did not submit an amendment application by July 15, 2015 as required in the Temporary APP to incorporate the well into the area-wide APP 102298. The Temporary APP expired on October 4, 2015, and no injection or withdrawal from well #1 was performed after this date. The applicant is anticipating submittal of an amendment application by mid-February 2016 to the area-wide APP to incorporate Well #1 and a second injection well.                                |
| Q3  |  |
| Q4  | The applicant did not submit an amendment application by July 15, 2015 as required in the Temporary APP to incorporate the well into the area-wide APP 102298. The Temporary APP expired on October 4, 2015, and no injection or withdrawal from well #1 was performed after this date. The applicant submitted an amendment application on February 10th, 2016 to the area-wide APP to incorporate Well #1 and a second injection well. This application is currently in review by ADEQ |



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## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 2 - RECHARGE FACILITY REVIEWS**

| ProjectName  | Description  |
|--|--|
| Pima County WWMD – Green Valley WW Reclamation Facility                                | APP Amendment to add a new lift station and effluent line. Effluent disposal is to four percolation ponds. APP P-100629.   |
| Q1   |  |
| Q2   | Application received 10/22/15. Final engineering review completed on 12/8/15.  |
| Q3   |  |
| Q4   | Permit was issued on June 15th, 2016.  |
| City of Chandler – Ocotillo Water Reclamation Facility (USF Permit Application also)   | Amendment to existing APP P-100140 to increase the permitted wastewater effluent volume from the wastewater treatment plant from 10 MGD to 15.5 MGD.   |
| Q1   |  |
| Q2   | Application received on 10/19/2015. Technical review is in process. No hydrology deficiencies. Engineering deficiencies transmitted to applicant on 12/29/2015.  |
| Q3   |  |
| Q4   | Draft permit and fact sheet are in internal/external review phase. After review, it will be sent to public hearing.  |
| City of Cottonwood Riverfront Water Reclamation Facility (USF Permit application also) | Application for an individual APP, Inventory Number 511220. To permit a new wastewater treatment plant, including the disposal of up to 300,000 GPD of wastewater effluent for irrigation reuse or to an injection well. |
| Q1   |  |
| Q2   | Application received on 11/17/2015. Technical review is in process.  |
| Q3   |  |
| Q4   | Overdue first 30 day letter sent on August 9, 2016 in regard to the July 5th, 2016, letter requesting additional information.  |
| Eloy Detention Center Water Reclamation Facility                                       | Amendment to existing APP P-102749, including the addition of an additional recharge basin, and an increase of effluent disposal capacity from 622,000 GPD to 900,000 GPD.   |
| Q1   |  |
| Q2   | Application received on 9/30/15. Technical review deficiencies were transmitted to the applicant on 12/31/15.  |
| Q3   |  |
| Q4   | On May 13, 2016, the second letter "Request for Additional Information" was sent to the applicant.   |

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## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 2 - RECHARGE FACILITY REVIEWS**

| ProjectName   | Description   |
|---|---|
| Marana Water Reclamation Facility (USF Permit application also)                         | Amendment to APP P-100631 to increase the effluent disposal capacity from 0.7 MGD to 3.5 MGD. Includes the addition of two new treatment trains and three new recharge basins.          |
| Q1  |   |
| Q2  | Application received on 4/03/15. Public notice published on 11/9/15, and the permit was granted on 12/21/15.  |
| Q3  |   |
| Q4  | Permit was issued on July 21, 2016  |
| City of Glendale – Arrowhead Ranch WRF  | Amendment to APP P-100385 to set alert levels and aquifer quality limits in a point of compliance well.   |
| Q1  |   |
| Q2  | Application received on 11/25/15. Deficiency letter sent to applicant on 12/28/15.  |
| Q3  |   |
| Q4  | Permit was issued on June 15, 2016.   |
| City of Chandler - Chandler Heights Recharge Facility (USF Permit amendment also)       | Amendment to existing APP P-105482 to increase the effluent recharge limit to five on-site recharge basins from 2 MGD to 5 MGD.   |
| Q1  |   |
| Q2  | Application received on 7/13/15. The substantive review phase is complete, and the APP is being drafted.  |
| Q3  |   |
| Q4  | Permit was issued on May 5th, 2016  |
| City of Tucson – Southeast Houghton Area Recharge Project (USF Permit application also) | APP application for recharge facility utilizing three new recharge basins for disposal of wastewater effluent from the Tucson Reclaimed Water Treatment Plant. Inventory number 511628. |
| Q1  |   |
| Q2  | Complete application received on 6/26/15. Latest deficiency letter sent on 11/05/15. Latest response received from applicant on 12/21/15. That response is in technical review.         |
| Q3  |   |
| Q4  | Permit was granted on June 1st, 2016.   |

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## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 2 - RECHARGE FACILITY REVIEWS**

| ProjectName  | Description  |
|--|--|
| Liberty Utilities (Litchfield Park Water & Sewer) Corp.- Palm Valley Water Reclamation Facility    | Amendment to current APP P-100310 to allow recharge of effluent to four infiltration basins.   |
| Q1   |  |
| Q2   | Application received on 11/04/14. Public notice published on 10/13/15. APP permit amendment granted on 11/18/15.   |
| Q3   |  |
| Q4   | Permit was issued on January 29th, 2016  |
| Luke 303 Water Reclamation Facility (EPCOR West Valley Regional WRF) (USF Permit application also) | APP application for recharge of wastewater effluent to 13 on-site basins. Inventory number 511700.   |
| Q1   |  |
| Q2   | Application received on 2/24/15. The technical review is complete, and the draft permit was public noticed on 12/30/15.                                  |
| Q3   |  |
| Q4   | Permit was issued on February 2nd, 2016.   |
| Redrock Correctional Center  | Amendment application to APP P-105663 upgrade the headworks at the wastewater treatment facility. Disposal includes four evaporation/percolation basins. |
| Q1   |  |
| Q2   | Application received on 9/30/15. Deficiency letter sent to applicant on 11/6/15.   |
| Q3   |  |
| Q4   | Third Letter for Request for Additional Information was sent on May 13th, 2016   |
| Bensch Ranch WWTP  | Amendment application to APP P-105001 to change disposal method from AZPDES discharge to percolation ponds   |
| Q1   |  |
| Q2   | Application received on 3/19/15. Most recent deficiency letter sent to applicant on 10/13/15.  |
| Q3   |  |
| Q4   | draft Permit is in the internal/external review phase.   |

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## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 2 - RECHARGE FACILITY REVIEWS**

| ProjectName  | Description   |
|--|---|
| Town of Gilbert South Recharge Site  | Review of APP compliance schedule items relating to installation of four new point of compliance wells and an ambient groundwater monitoring program. APP P-105302. |
| Q1   |   |
| Q2   | The ambient monitoring program was approved by the ADEQ on 8/25/15.   |
| Q3   |   |
| Q4   | No Change from pervious quarter<br>The ambient monitoring program was approved by the ADEQ on 8/25/15.  |
| City of Chandler - Ocotillo Brine Reduction Facility (USF Permit amendment also) | Amendment to existing APP P-102865 to allow an additional source water and disposal to three additional APP recharge permit locations.                              |
| Q1   |   |
| Q2   | Application received by ADEQ on 12/11/14. APP permit issued on 7/21/15.   |
| Q3   |   |
| Q4   | Permit was issued on July 21st, 2015.   |
| Verrado Water Reclamation Facility   | Amendment to APP P-105202 to add a new effluent surface discharge point. Disposal locations include AZPDES discharge, reuse, and two vadose zone injection wells.   |
| Q1   |   |
| Q2   | Application received on 11/24/15. Deficiency letter sent to applicant on 1/13/16.   |
| Q3   |   |
| Q4   | Public notice was published on August 4, 2016.  |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

## TASK 2.1 Groundwater Protection – Permits

Continued

**Table 3 - MITIGATION ORDER REVIEWS**

| ProjectName               | Description   |
|---------------------------|---|
| Bisbee Mitigation Order   | Sulfate in groundwater from Freeport McMoRan Copper Queen Mine  |
| Q1                        |   |
| Q2                        | No reviews completed during the 1st and 2nd quarters.   |
| Q3                        |   |
| Q4                        | No reviews completed during the 3rd and 4th quarters.   |
| Sierrita Mitigation Order | Sulfate in groundwater from Freeport McMoRan Sierrita Mine  |
| Q1                        |   |
| Q2                        | No reviews completed during the 1st quarter.  |
|                           | 2nd Quarter - Completed review of FMI Sierrita's response to ADEQ comments on the 2013 Mitigation Plan.   |
|                           | Met with FMI Sierrita on October 29, 2015 for their notification of a curtailment at the FMI Sierrita mine and their request to reduce mitigation water pumping. Provided a summary of a Contingency Plan for reduced mitigation water pumping.   |
|                           | Attended the Sierrita CAG meeting on November 17, 2015.   |
|                           | Began review of the Contingency Plan  |
|                           | Met with Community Water of Green Valley to hear their concerns regarding the reduction of mitigation water pumping at FMI Sierrita as described by the Contingency Plan. On the same day met with FMI Sierrita. FMI Sierrita indicated that the curtailment for the mine will go from 50% to 100%. FMI Sierrita also discussed the possibility of allowing mitigation water pumpage to be placed in the FMI Twin Buttes open pit during short term (90-day) emergency conditions (i.e., large scale El Nino events). No submittal or decision on this issue to date. |
| Q3                        |   |
| Q4                        | Commented on the Notice of Contingency Plan in the 3rd Quarter. Reviewed the 2014 Mitigation Facilities Operation Tech Report in the 3rd Quarter. Reviewed a revised Contingency Plan for Sulfate with Respect to Drinking Water Supplies in the 3rd Quarter. Internal meeting in the 3rd Quarter to discuss comment letter from the Town of Sahuarita on Sierrita's plan to curtail mining and reduce the amount of mitigation pumping.  |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target | Actual | Responsible Section |
|---|--------|--------|---------------------|
| 1 Report the number of permitting decisions on AZPDES individual permit applications. |        |        |                     |
| a.i Report numbers processed. Issued  | NA     | 21     | Water Permits       |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| a.ii Report numbers processed. Modified   | NA     | 2      | Water Permits       |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| a.iii Report numbers processed. Denied  | NA     | 0      | Water Permits       |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| a.iv Report numbers processed. Suspended  | NA     | 0      | Water Permits       |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| a.v Report numbers processed. Withdrawn/Revoked                                       | NA     | 3      | Water Permits       |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target | Actual   | Responsible Section |
|---|--------|--|---------------------|
| a.vi Report numbers processed.<br>Backlogged<br><br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status  | NA     | 8  | Water Permits       |
| b Coordinate with EPA on variance approval process<br>and strategy.<br><br>Q1 Status<br>Q2 Status 9 applications with variance request in process.<br>Q3 Status<br>Q4 Status  | NA     | NA   | Water Permits       |
| 2 Process permit renewals for all expiring AZPDES permits<br>with a goal of 90% current to minimize backlog. (Refer to<br>AZPDES Renewal Permits Table following Task 1.3.1.). For<br>purposes of this work plan, 'backlog' means an AZPDES<br>application that is 6 mos. from expiration or a new<br>application that has been in process over one year. | >90%   | Individual<br>Permits =<br>94%<br>(132/140)<br>General<br>Permits =<br>88% (7/8)<br>Combined =<br>94%<br>(139/148) | Water Permits       |
| Q1 Status   |        |  |                     |
| Q2 Status Total # of Individual Permits = 143<br>Total # of Individual Permits Backlogged = 9<br>Total # of General Permits = 8<br>Total # of General Permits Backlogged = 1<br>Totals # of Permits = 151<br>Total backlogged = 10<br>94%   |        |  |                     |
| Q3 Status   |        |  |                     |
| Q4 Status   |        |  |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual   | Responsible Section |
|--|--|--|---------------------|
| 3 Phase I MS4 Permits                                      |  |  |                     |
| a Review annual reports                                    | 8  | 7  | Surface Water       |
| Q1 Status  |  |  |                     |
| Q2 Status  |  |  |                     |
| Q3 Status  |  |  |                     |
| Q4 Status  |  |  |                     |
| b Continue outreach efforts                                | 6/30/2016  |  | Surface Water       |
| Q1 Status  |  |  |                     |
| Q2 Status Ongoing  |  |  |                     |
| Q3 Status  |  |  |                     |
| Q4 Status  |  |  |                     |
| 4 Implement activities for MS4 Permittees                  |  |  |                     |
| a.i Phase I  | 2 (EPA will  |  | Surface Water       |
| Conduct one audit of each permittee once every five years  | conduct)   |  |                     |
| Q1 Status  |  |  |                     |
| Q2 Status  |  |  |                     |
| Q3 Status  |  |  |                     |
| Q4 Status  |  |  |                     |
| b.i Phase II   | T = 8  | 8  | Surface Water       |
| Perform one audit of each permittee once every seven years | Ongoing. Purchase order for contractor to conduct the audits executed in January 2016. | chandler, gilbert, Yuma County, Youngtown, ASU, UA, NAU, S Tucson, |                     |
| Q1 Status  |  |  |                     |
| Q2 Status  |  |  |                     |
| Q3 Status  |  |  |                     |
| Q4 Status  |  |  |                     |



# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual  | Responsible Section |
|--|--|---|---------------------|
| c Refer facilities to the Compliance Section for inspections as needed       | As needed  | 3 Small MS4s pending potential compliance action. Nogales, Douglas, Guadalupe | Surface Water       |
| Q1 Status  |  |   |                     |
| Q2 Status  |  |   |                     |
| Q3 Status  |  |   |                     |
| Q4 Status  |  |   |                     |
| 5 Multi Sector General Permits   |  |   |                     |
| a Initiate Stakeholder meetings and prepare draft permit and fact sheet      | 7/1/2015   |   | Surface Water       |
| Q1 Status  |  |   |                     |
| Q2 Status  | Sent email to stakeholders in January 2016. ADEQ will evaluate current MSGP, work reissue permit |   |                     |
| Q3 Status  |  |   |                     |
| Q4 Status  |  |   |                     |
| b Provide draft to U.S. EPA and stakeholders for informal review and comment | 10/1/2015  |   | Surface Water       |
| Q1 Status  |  |   |                     |
| Q2 Status  | off target - assessing existing permit conditions, comparing with EPA's 2015 permit.             |   |                     |
| Q3 Status  |  |   |                     |
| Q4 Status  |  |   |                     |
| c Public Notice  | 1/1/2016   |   | Surface Water       |
| Q1 Status  |  |   |                     |
| Q2 Status  | off target - See 5.b   |   |                     |
| Q3 Status  |  |   |                     |
| Q4 Status  |  |   |                     |

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual                               | Responsible Section |
|---|-------------|--------------------------------------|---------------------|
| d Issue final permit  | 3/1/2016    |                                      | Surface Water       |
| Q1 Status   |             |                                      |                     |
| Q2 Status off target - See 5.b  |             |                                      |                     |
| Q3 Status   |             |                                      |                     |
| Q4 Status   |             |                                      |                     |
| 6 AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed: |             |                                      |                     |
| a.i Biosolids GP Notices of Intent  | Semi-Annual | 1 in FY16<br>(Total # of Filers = 8) | Surface Water       |
| Q1 Status   |             |                                      |                     |
| Q2 Status   |             |                                      |                     |
| Q3 Status   |             |                                      |                     |
| Q4 Status   |             |                                      |                     |
| a.ii Biosolids GP Notices of Termination  | Semi-Annual | 0                                    | Surface Water       |
| Q1 Status   |             |                                      |                     |
| Q2 Status   |             |                                      |                     |
| Q3 Status   |             |                                      |                     |
| Q4 Status   |             |                                      |                     |
| b.i Infrequent discharge GP Notices of Intent   | Semi-Annual | 0 in FY16<br>(Total # of Filers = 2) | Surface Water       |
| Q1 Status   |             |                                      |                     |
| Q2 Status   |             |                                      |                     |
| Q3 Status   |             |                                      |                     |
| Q4 Status   |             |                                      |                     |
| b.ii Infrequent discharge GP Notices of Termination   | Semi-Annual | 0                                    | Surface Water       |
| Q1 Status   |             |                                      |                     |
| Q2 Status   |             |                                      |                     |
| Q3 Status   |             |                                      |                     |
| Q4 Status   |             |                                      |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

#### OUTPUT DESCRIPTION

#### Target

#### Actual

#### Responsible Section

c.i Minor discharges GP  
Notices of Intent

Semi-Annual

1 in FY16  
(Total # of  
Filers = 3)

Surface Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

c.ii Minor discharges GP  
Notices of Termination

Semi-Annual

0

Surface Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

d.i Multi-Sector General Permits  
Notices of Intent

Semi-Annual

Non-mining  
= 91  
Mining = 12  
Total = 103

Surface Water

Q1 Status

Q2 Status July 1 - December 31, 2015 = 66

Q3 Status

Q4 Status

d.ii Multi-Sector General Permits  
Notices of Termination

Semi-Annual

Non-Mining  
= 64  
Mining = 9  
Total = 73

Surface Water

Q1 Status

Q2 Status July 1 - December 31, 2015 = 34

Q3 Status

Q4 Status

# SFY 2016 WORKPLAN - Quarter Status Report

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual                            | Responsible Section |
|---|-------------|-----------------------------------|---------------------|
| d.iii Multi-Sector General Permits<br>Certificate of No Exposure        | Semi-Annual | new = 49<br>resubmission<br>= 106 | Surface Water       |
| Q1 Status   |             |                                   |                     |
| Q2 Status July 1 - December 31, 2015 = 26 new NEC                       |             |                                   |                     |
| Q3 Status   |             |                                   |                     |
| Q4 Status   |             |                                   |                     |
| e.i Stormwater Construction General Permits<br>Notices of Intent        | Semi-Annual | A = 1,968                         | Surface Water       |
| Q1 Status   |             |                                   |                     |
| Q2 Status July 1 - December 31, 2015 = 1,031 CGP NOIs                   |             |                                   |                     |
| Q3 Status   |             |                                   |                     |
| Q4 Status   |             |                                   |                     |
| e.ii Stormwater Construction General Permits<br>Notices of Termination  | Semi-Annual | A = 1,729                         | Surface Water       |
| Q1 Status   |             |                                   |                     |
| Q2 Status July 1 - December 31, 2015 = 823 CGP NOTs                     |             |                                   |                     |
| Q3 Status   |             |                                   |                     |
| Q4 Status   |             |                                   |                     |
| e.iii Stormwater Construction General Permits<br>Waivers                | Semi-Annual | A = 84                            | Surface Water       |
| Q1 Status   |             |                                   |                     |
| Q2 Status July 1 - December 31, 2015 = 27 CGP Waivers                   |             |                                   |                     |
| Q3 Status   |             |                                   |                     |
| Q4 Status   |             |                                   |                     |
| f.i.(1) DeMinimis General Permits<br>Notices of Intent<br>Single source | Semi-Annual | A = 35                            | Surface Water       |
| Q1 Status   |             |                                   |                     |
| Q2 Status July 1 - December 31, 2015 = 13 NOIs - DMGP Single Source     |             |                                   |                     |
| Q3 Status   |             |                                   |                     |
| Q4 Status   |             |                                   |                     |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

### 3.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section |
|---|-------------|--------|---------------------|
| f.i.(2) DeMinimis General Permits<br>Notices of Intent<br>Area wide | Semi-Annual | A = 5  | Surface Water       |
| Q1 Status   |             |        |                     |
| Q2 Status July 1 - December 31, 2015 = 3 NOIs - DMGP Areawide       |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| f.ii DeMinimis General Permits<br>Notices of Termination            | Semi-Annual | A = 37 | Surface Water       |
| Q1 Status   |             |        |                     |
| Q2 Status July 1 - December 31, 2015 = 11 NOTs - DMGP               |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| g.i Pesticide General Permit<br>Notices of Intent                   | Semi-Annual | A = 7  | Surface Water       |
| Q1 Status   |             |        |                     |
| Q2 Status July 1 - December 31, 2015 = 7 New NOIs                   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |
| g.ii Pesticide General Permit<br>Notices of Termination             | Semi-Annual | A =1   | Surface Water       |
| Q1 Status   |             |        |                     |
| Q2 Status July 1 - December 31, 2015 = 2 New NOTs                   |             |        |                     |
| Q3 Status   |             |        |                     |
| Q4 Status   |             |        |                     |

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 FTE Funding Source     | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|----------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-AZPDES                | 11.97 | 617,806   | 271,835 | 398,026  |        | 1,287,667 |
| Contract: MS4 Audits (PPG) |       |           |         |          | 92,000 | 92,000    |
| TOTALS                     | 11.97 | 617,806   | 271,835 | 398,026  | 92,000 | 1,379,667 |

## End of Year Summary

| 3.1 AZPDES RENEWAL PERMITS                 |           |      |                          |                 |               |              |        |          |
|--|-----------|------|--------------------------|-----------------|---------------|--------------|--------|----------|
| Permittee                                  | AZPDES #  | TYPE | Application Status       | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| CHIMNEY ESTATES LLC                        | AZ0026999 | Min  | Issued                   |                 |               | 5/20/2015    | 61531  | JM       |
| Q1   |           |      |                          |                 |               |              |        |          |
| Q2   |           |      | Issued on 11/17/2015     |                 |               |              |        |          |
| Q3   |           |      |                          |                 |               |              |        |          |
| Q4   |           |      |                          |                 |               |              |        |          |
| TOWN OF BUCKEYE - SUNDANCE WRF (MAJOR MOD) | AZ0024881 | Maj  | Issued                   |                 |               | 6/4/2015     | 62501  | RM       |
| Q1   |           |      |                          |                 |               |              |        |          |
| Q2   |           |      | Issued on 11/17/2015     |                 |               |              |        |          |
| Q3   |           |      |                          |                 |               |              |        |          |
| Q4   |           |      |                          |                 |               |              |        |          |
| CITY OF PHOENIX - 24TH ST WATER TP         | AZ0023426 | Maj  | Terminated By Permittee  |                 |               |              | NA     | RC       |
| Q1   |           |      |                          |                 |               |              |        |          |
| Q2   |           |      | Terminated on 10/09/2015 |                 |               |              |        |          |
| Q3   |           |      |                          |                 |               |              |        |          |
| Q4   |           |      |                          |                 |               |              |        |          |

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## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                 |                          |      |                         |                 |               |              |        |          |
|--|--------------------------|------|-------------------------|-----------------|---------------|--------------|--------|----------|
| Permittee                                  | AZPDES #                 | TYPE | Application Status      | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| CITY OF PHOENIX - DEER VALLEY WATER TP     | AZ0023434                | Maj  | Terminated By Permittee |                 |               |              | NA     | RM       |
| Q1   |                          |      |                         |                 |               |              |        |          |
| Q2   | Terminated on 11/03/2015 |      |                         |                 |               |              |        |          |
| Q3   |                          |      |                         |                 |               |              |        |          |
| Q4   |                          |      |                         |                 |               |              |        |          |
| COOPER AND COMMERCE WQARF SITE             | AZ0025801                | Min  | Terminated By Permittee |                 |               |              | NA     | JM       |
| Q1   |                          |      |                         |                 |               |              |        |          |
| Q2   | Terminated on 09/03/2015 |      |                         |                 |               |              |        |          |
| Q3   |                          |      |                         |                 |               |              |        |          |
| Q4   |                          |      |                         |                 |               |              |        |          |
| TOWN OF PRESCOTT VALLEY - WWTP (Major Mod) | AZ0025381                | Maj  | Issued                  |                 |               | 2/6/2015     | 61856  | RC       |
| Q1   |                          |      |                         |                 |               |              |        |          |
| Q2   | Issued on 8/26/2015      |      |                         |                 |               |              |        |          |
| Q3   |                          |      |                         |                 |               |              |        |          |
| Q4   |                          |      |                         |                 |               |              |        |          |
| VERRADO WATER RECLAMATION FACILITY - EPCOR | AZ0026794                | Min  | Issued                  |                 |               | 2/18/2015    | 61452  | JM       |
| Q1   |                          |      |                         |                 |               |              |        |          |
| Q2   | Issued on 9/21/2015      |      |                         |                 |               |              |        |          |
| Q3   |                          |      |                         |                 |               |              |        |          |
| Q4   |                          |      |                         |                 |               |              |        |          |

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## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                                  |           |      |                            |                 |               |              |        |          |  |
|---|-----------|------|----------------------------|-----------------|---------------|--------------|--------|----------|--|
| Permittee   | AZPDES #  | TYPE | Application Status         | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |  |
| Tempe Town Lake<br>** carryover                             | AZ0024490 | Maj  | New Application<br>Pending |                 |               |              | NA     | NA       |  |
| Q1  |           |      |                            |                 |               |              |        |          |  |
| Q2  |           |      |                            |                 |               |              |        |          |  |
| Q3  |           |      |                            |                 |               |              |        |          |  |
| Q4  |           |      |                            |                 |               |              |        |          |  |
| CITY OF<br>KINGMAN -  | AZ0025844 | Maj  | Issued                     |                 |               | 8/28/2015    | 62908  | NA       |  |
| Q1  |           |      |                            |                 |               |              |        |          |  |
| Q2 In public notice   |           |      |                            |                 |               |              |        |          |  |
| Q3  |           |      |                            |                 |               |              |        |          |  |
| Q4  |           |      |                            |                 |               |              |        |          |  |
| Big Park Domestic<br>WWID                                   | AZ0024082 | Min  | Backlogged                 | 12/1/2010       | 6/1/2010      | 5/26/2010    | 52778  | SM       |  |
| Q1  |           |      |                            |                 |               |              |        |          |  |
| Q2 Variance - Submitted to EPA for final variance approval. |           |      |                            |                 |               |              |        |          |  |
| Q3  |           |      |                            |                 |               |              |        |          |  |
| Q4 Variance   |           |      |                            |                 |               |              |        |          |  |
| US NPS GCNP -<br>North Rim WWTP                             | AZ0110426 | Min  | Backlogged                 | 1/23/2011       | 7/23/2010     | 7/16/2010    | 52982  | RC       |  |
| Q1  |           |      |                            |                 |               |              |        |          |  |
| Q2 Variance   |           |      |                            |                 |               |              |        |          |  |
| Q3  |           |      |                            |                 |               |              |        |          |  |
| Q4  |           |      |                            |                 |               |              |        |          |  |
| US NPS GCNP -<br>South Rim WWTP                             | AZ0022152 | Min  | Backlogged                 | 2/24/2011       | 8/24/2010     | 8/24/2010    | 53126  | RC       |  |
| Q1  |           |      |                            |                 |               |              |        |          |  |
| Q2 Variance - Administrative review                         |           |      |                            |                 |               |              |        |          |  |
| Q3  |           |      |                            |                 |               |              |        |          |  |
| Q4 Requested Variance                                       |           |      |                            |                 |               |              |        |          |  |



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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                  |  |      |                    |                 |               |              |        |          |
|---|--|------|--------------------|-----------------|---------------|--------------|--------|----------|
| Permittee                                   | AZPDES #   | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| Jerome, Town of                             | AZ0021804  | Min  | Backlogged         | 10/23/2012      | 4/23/2012     | 4/18/2012    | 56012  | RC       |
| Q1  |  |      |                    |                 |               |              |        |          |
| Q2  | Variance - In public notice  |      |                    |                 |               |              |        |          |
| Q3  |  |      |                    |                 |               |              |        |          |
| Q4  |  |      |                    |                 |               |              |        |          |
| Houston Creek Landing                       | AZ0025305  | Min  | Backlogged         | 6/2/2013        | 12/2/2012     | 12/3/2012    | 57314  | RC       |
| Q1  |  |      |                    |                 |               |              |        |          |
| Q2  | Variance - Administrative review   |      |                    |                 |               |              |        |          |
| Q3  |  |      |                    |                 |               |              |        |          |
| Q4  |  |      |                    |                 |               |              |        |          |
| Flagstaff Meadows WWTP (formerly Bellemont) | AZ0024708  | Min  | Backlogged         | 7/24/2013       | 1/24/2013     | 2/13/2013    | 57314  | CC       |
| Q1  |  |      |                    |                 |               |              |        |          |
| Q2  | Variance - In public notice  |      |                    |                 |               |              |        |          |
| Q3  |  |      |                    |                 |               |              |        |          |
| Q4  | Variance   |      |                    |                 |               |              |        |          |
| Cottonwood, City of - WWTP                  | AZ0024716  | Maj  | Backlogged         | 5/6/2014        | 11/6/2013     | 11/7/2013    | 59016  | JM       |
| Q1  |  |      |                    |                 |               |              |        |          |
| Q2  | Variance - Received preliminary approval of variance - Substantive review. |      |                    |                 |               |              |        |          |
| Q3  |  |      |                    |                 |               |              |        |          |
| Q4  | Variance   |      |                    |                 |               |              |        |          |
| Festival Ranch WRF, Buckeye                 | AZ0025216  | Maj  | Issued             | 7/26/2014       | 1/26/2014     | 1/27/2014    | 59560  | RC       |
| Q1  |  |      |                    |                 |               |              |        |          |
| Q2  | Issued on 8/26/2015  |      |                    |                 |               |              |        |          |
| Q3  |  |      |                    |                 |               |              |        |          |
| Q4  |  |      |                    |                 |               |              |        |          |

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS          |                                  |      |                    |                 |               |              |        |          |
|-------------------------------------|----------------------------------|------|--------------------|-----------------|---------------|--------------|--------|----------|
| Permittee                           | AZPDES #                         | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| BISON RANCH<br>WWTP                 | AZ0025399                        | Min  | Backlogged         | 12/17/2014      | 6/17/2014     | 10/14/2014   | 61334  | JM       |
| Q1                                  |                                  |      |                    |                 |               |              |        |          |
| Q2                                  | Variance - Administrative review |      |                    |                 |               |              |        |          |
| Q3                                  |                                  |      |                    |                 |               |              |        |          |
| Q4                                  | Variance                         |      |                    |                 |               |              |        |          |
| USDOI BR - YUMA<br>DESALTING PLANT  | AZ0025348                        | Maj  | Issued             | 2/7/2015        | 8/7/2014      | 8/6/2014     | 60996  | RM       |
| Q1                                  |                                  |      |                    |                 |               |              |        |          |
| Q2                                  | Internal/External review         |      |                    |                 |               |              |        |          |
| Q3                                  |                                  |      |                    |                 |               |              |        |          |
| Q4                                  |                                  |      |                    |                 |               |              |        |          |
| CITY OF<br>WINSLOW - WWTP           | AZ0023833                        | Maj  | Issued             | 3/8/2015        | 9/8/2014      | 9/8/2014     | 61207  | RM       |
| Q1                                  |                                  |      |                    |                 |               |              |        |          |
| Q2                                  | Issued on 9/25/2015              |      |                    |                 |               |              |        |          |
| Q3                                  |                                  |      |                    |                 |               |              |        |          |
| Q4                                  |                                  |      |                    |                 |               |              |        |          |
| CITY OF<br>TOMBSTONE -<br>WWTP      | AZ0025577                        | Min  | Issued             | 4/27/2015       | 10/27/2014    | 9/22/2014    | 61250  | SK       |
| Q1                                  |                                  |      |                    |                 |               |              |        |          |
| Q2                                  | Issued on 10/10/2015             |      |                    |                 |               |              |        |          |
| Q3                                  |                                  |      |                    |                 |               |              |        |          |
| Q4                                  |                                  |      |                    |                 |               |              |        |          |
| TOWN OF<br>FLORENCE - South<br>WWRF | AZ0025208                        | Maj  | Issued             | 7/6/2015        | 1/6/2015      | 1/6/2015     | 61665  | RM       |
| Q1                                  |                                  |      |                    |                 |               |              |        |          |
| Q2                                  | Issued on 8/26/2015              |      |                    |                 |               |              |        |          |
| Q3                                  |                                  |      |                    |                 |               |              |        |          |
| Q4                                  |                                  |      |                    |                 |               |              |        |          |

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                        |                       |      |                    |                 |               |              |        |          |
|---|-----------------------|------|--------------------|-----------------|---------------|--------------|--------|----------|
| Permittee   | AZPDES #              | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| CITY OF MESA - GREENFIELD WATER RECLAMATION PLANT | AZ0025241             | Maj  | Issued             | 8/10/2015       | 2/10/2015     | 1/8/2015     | 61664  | JM       |
| Q1  |                       |      |                    |                 |               |              |        |          |
| Q2  | Issued on 8/17/2015   |      |                    |                 |               |              |        |          |
| Q3  |                       |      |                    |                 |               |              |        |          |
| Q4  |                       |      |                    |                 |               |              |        |          |
| PINEWOOD SANITARY DISTRICT - KAY S BLACKMAN WWTP  | AZ0025879             | Min  | Issued             | 10/14/2015      | 4/14/2015     | 4/14/2015    | 62234  | SK       |
| Q1  |                       |      |                    |                 |               |              |        |          |
| Q2  | Issued on 10/28/2015  |      |                    |                 |               |              |        |          |
| Q3  |                       |      |                    |                 |               |              |        |          |
| Q4  |                       |      |                    |                 |               |              |        |          |
| Resolution Copper                                 | AZ0020389             | Maj  | Renewal In Process | 1/9/2016        | 7/9/2015      | 7/9/2015     | 6270   | RC       |
| Q1  |                       |      |                    |                 |               |              |        |          |
| Q2  | Substantive review    |      |                    |                 |               |              |        |          |
| Q3  |                       |      |                    |                 |               |              |        |          |
| Q4  |                       |      |                    |                 |               |              |        |          |
| TRIBUTE   | AZ0025984             | Min  | Issued             | 1/11/2016       | 7/11/2015     | 7/7/2015     | 62727  | SK       |
| Q1  |                       |      |                    |                 |               |              |        |          |
| Q2  | Granted on 12/24/2015 |      |                    |                 |               |              |        |          |
| Q3  |                       |      |                    |                 |               |              |        |          |
| Q4  |                       |      |                    |                 |               |              |        |          |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS              |                    |      |                       |                 |               |              |        |          |
|---|--------------------|------|-----------------------|-----------------|---------------|--------------|--------|----------|
| Permittee                               | AZPDES #           | TYPE | Application Status    | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| CITY OF GLOBE -<br>PINAL CREEK<br>WWTP  | AZ0020249          | Maj  | Issued                | 2/9/2016        | 8/9/2015      | 8/7/2015     | 62836  | RM       |
| Q1                                      |                    |      |                       |                 |               |              |        |          |
| Q2                                      | Granted on 12/28   |      |                       |                 |               |              |        |          |
| Q3                                      |                    |      |                       |                 |               |              |        |          |
| Q4                                      |                    |      |                       |                 |               |              |        |          |
| VIRGIN RIVER<br>DWID WWTP               | AZ0023655          | Min  | Issued                | 2/13/2016       | 8/13/2015     | 8/13/2015    | 62856  | SK       |
| Q1                                      |                    |      |                       |                 |               |              |        |          |
| Q2                                      | Substantive review |      |                       |                 |               |              |        |          |
| Q3                                      |                    |      |                       |                 |               |              |        |          |
| Q4                                      |                    |      |                       |                 |               |              |        |          |
| CITY OF<br>GOODYEAR -<br>157TH AVE WWTP | AZ0022357          | Maj  | Issued                | 3/16/2016       | 9/16/2015     | 8/29/2015    | 62909  | SK       |
| Q1                                      |                    |      |                       |                 |               |              |        |          |
| Q2                                      | Substantive review |      |                       |                 |               |              |        |          |
| Q3                                      |                    |      |                       |                 |               |              |        |          |
| Q4                                      |                    |      |                       |                 |               |              |        |          |
| SRP -<br>ADMINISTRATIVE<br>OFFICES      | AZ0024341          | Min  | Granted               | 3/17/2016       | 9/17/2015     | 9/16/2015    | 62982  | JM       |
| Q1                                      |                    |      |                       |                 |               |              |        |          |
| Q2                                      | Substantive review |      |                       |                 |               |              |        |          |
| Q3                                      |                    |      |                       |                 |               |              |        |          |
| Q4                                      |                    |      |                       |                 |               |              |        |          |
| FREESCALE<br>SEMICONDUCTOR              | AZ0025861          | Min  | Renewal In<br>Process | 3/24/2016       | 9/24/2015     | 9/23/2015    | NA     | NA       |
| Q1                                      |                    |      |                       |                 |               |              |        |          |
| Q2                                      | Substantive review |      |                       |                 |               |              |        |          |
| Q3                                      |                    |      |                       |                 |               |              |        |          |
| Q4                                      |                    |      |                       |                 |               |              |        |          |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                        |           |      |                    |                 |               |              |        |          |
|---|-----------|------|--------------------|-----------------|---------------|--------------|--------|----------|
| Permittee   | AZPDES #  | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| MIAMI<br>WASTEWATER<br>RECLAMATION<br>FACILITY    | AZ0025909 | Min  | Issued             | 4/7/2016        | 10/7/2015     | 10/1/2015    | 63072  | RM       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 In public notice                               |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |
| AG&F - CANYON<br>CREEK FISH<br>HATCHERY           | AZ0021229 | Min  | Renewal In Process | 4/27/2016       | 10/27/2015    | 10/22/2015   | 63170  | JM       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Variance - Administrative review               |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4 Requested Variance                             |           |      |                    |                 |               |              |        |          |
| CITY OF SIERRA<br>VISTA - WWTP                    | AZBG26000 | Min  | Issued             | 5/8/2016        | 11/8/2015     |              | NA     | SK       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Biosolids GP NOI -                             |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |
| USDOI- NPS -<br>INDIAN GARDENS<br>PUMP STATION    | AZ0023621 | Min  | Issued             | 5/9/2016        | 11/9/2015     | 11/23/2015   | 63311  | NA       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Application received late - Substantive review |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                            |           |      |                    |                 |               |              |        |          |  |
|---|-----------|------|--------------------|-----------------|---------------|--------------|--------|----------|--|
| Permittee   | AZPDES #  | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |  |
| PIMA COUNTY -<br>WWMD - MOUNT<br>LEMMON WWTP          | AZ0022250 | Min  | Granted            | 5/10/2016       | 11/10/2015    | 11/9/2015    | 63232  | SK       |  |
| Q1  |           |      |                    |                 |               |              |        |          |  |
| Q2 Substantive review                                 |           |      |                    |                 |               |              |        |          |  |
| Q3  |           |      |                    |                 |               |              |        |          |  |
| Q4  |           |      |                    |                 |               |              |        |          |  |
| MOTOROLA - NIBW<br>AREA 12 -<br>TREATMENT<br>FACILITY | AZ0025933 | Min  | Issued             | 5/25/2016       | 11/25/2015    | 11/16/2015   | 63277  | RM       |  |
| Q1  |           |      |                    |                 |               |              |        |          |  |
| Q2 Substantive review                                 |           |      |                    |                 |               |              |        |          |  |
| Q3  |           |      |                    |                 |               |              |        |          |  |
| Q4  |           |      |                    |                 |               |              |        |          |  |
| TUSAYAN<br>SANITARY DISTRICT                          | AZMW2347  | Min  | Issued             | 6/20/2016       | 12/20/2015    | 12/16/2015   | 63386  | JM       |  |
| Q1  |           |      |                    |                 |               |              |        |          |  |
| Q2 Minor WWTP GP NOI - Substantive review             |           |      |                    |                 |               |              |        |          |  |
| Q3  |           |      |                    |                 |               |              |        |          |  |
| Q4  |           |      |                    |                 |               |              |        |          |  |
| TOWN OF<br>KEARNY - NEW<br>WWTP                       | AZ0024449 | Min  | Issued             | 6/30/2016       | 1/2/2015      | 12/31/2015   | 63457  | NA       |  |
| Q1  |           |      |                    |                 |               |              |        |          |  |
| Q2 Administrative review                              |           |      |                    |                 |               |              |        |          |  |
| Q3  |           |      |                    |                 |               |              |        |          |  |
| Q4  |           |      |                    |                 |               |              |        |          |  |

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## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS                              |           |      |                    |                 |               |              |        |          |
|---|-----------|------|--------------------|-----------------|---------------|--------------|--------|----------|
| Permittee   | AZPDES #  | TYPE | Application Status | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| USDOJ FW -<br>WILLOW BEACH<br>NATL FISH<br>HATCHERY     | AZ0000132 | Min  | Issued             | 6/30/2016       | 12/30/2015    | 11/16/2015   | 63278  | JM       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Substantive review                                   |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |
| USDOJ NPS -<br>GRAND CANYON<br>NP - DESERT VIEW<br>WWTP | AZ0023612 | Min  | Renewal In Process | 10/12/2016      | 4/12/2016     |              | NA     | RM       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Not yet received                                     |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |
| CITY OF BENSON -<br>WWTF                                | AZ0026026 | Maj  | Renewal In Process | 10/24/2016      | 4/24/2016     | 4/26/2016    | 63971  | RM       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Not yet received                                     |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |
| BRADSHAW<br>MOUNTAIN RV<br>RESORT                       | AZ0024741 | Min  | Renewal In Process | 11/30/2016      | 5/30/2016     | 5/26/2016    | 64115  | SK       |
| Q1  |           |      |                    |                 |               |              |        |          |
| Q2 Not yet received                                     |           |      |                    |                 |               |              |        |          |
| Q3  |           |      |                    |                 |               |              |        |          |
| Q4  |           |      |                    |                 |               |              |        |          |

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## TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 AZPDES RENEWAL PERMITS   |           |      |                             |                 |               |              |        |          |
|--|-----------|------|-----------------------------|-----------------|---------------|--------------|--------|----------|
| Permittee  | AZPDES #  | TYPE | Application Status          | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
| CITY OF KINGMAN -<br>Q1<br>Q2 In public notice<br>Q3<br>Q4   | AZ0026018 | Min  | Renewal In Process          | 12/20/2016      |               | 6/22/2016    | 64282  | RM       |
| TOWN OF MAMMOTH - CIELO WWTP<br>Q1<br>Q2 Not yet received<br>Q3<br>Q4  | AZ0025470 | Min  | Renewal Application Pending | 12/27/2016      | 6/27/2016     |              | NA     | NA       |
| TOWN OF WICKENBURG - WWTP<br>Q1<br>Q2 Not yet received<br>Q3<br>Q4 Submitted NOI for Infrequent Discharger NOI | AZ0020044 | Min  | Renewal In Process          | 12/27/2016      | 6/27/2016     |              |        | RC       |



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## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

### 3.2 DELIVERABLES

| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section |
|--|-------------|--------|---------------------|
| 1 Report certification decisions on State 401 applications.<br>(Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions. |             |        |                     |
| a Regional CWA 404 general permits   | Semi-Annual |        | Surface Water       |
| Q1 Status July 1 through Dec 31, 2015 = 1  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| b Individual CWA 404 permits   | Semi-Annual |        | Surface Water       |
| Q1 Status July 1 through Dec 31, 2015 = 7  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| c Nationwide CWA 404 permits   | Semi-Annual |        | Surface Water       |
| Q1 Status July 1 through Dec 31, 2015 = 13   |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| d Other federal permit or licenses applications  | Semi-Annual |        | Surface Water       |
| Q1 Status July 1 through Dec 31, 2015 = 0  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |

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## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

| 3.2 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total  |
|------------------------|------|-----------|--------|----------|--------|--------|
| PPG                    | 0.41 | 24,399    | 10,736 | 15,719   |        | 50,854 |
| TOTALS                 | 0.41 | 24,399    | 10,736 | 15,719   |        | 50,854 |

### End of Year Summary

| 3.2 Table 1 - 401 CERTIFICATION ACTIONS |  |            |                               |                                  |
|---|--|------------|-------------------------------|----------------------------------|
| ADEQ LTF No.                            | CoE Number   | Issued     | Project                       | Type                             |
| 62686                                   | SPL-2014-00625-KAT                                   | 10/27/2015 | ADOT Statewide RPG 96         | Regional CWA 404 general permits |
| Q1                                      |  |            |                               |                                  |
| Q2                                      |  |            |                               |                                  |
| Q3                                      |  |            |                               |                                  |
| Q4                                      |  |            |                               |                                  |
| 62707                                   | SPL-2015-469-RJD, SPL-2015-477-RJD, SPL-2015-478-RJD | 7/24/2015  | AZ ERFO 42(1)                 | Nationwide CWA 404 permits       |
| Q1                                      |  |            |                               |                                  |
| Q2                                      |  |            |                               |                                  |
| Q3                                      |  |            |                               |                                  |
| Q4                                      |  |            |                               |                                  |
| 62793                                   | N/A  | 7/31/2015  | Black Bridge Crossing Project | Nationwide CWA 404 permits       |
| Q1                                      |  |            |                               |                                  |
| Q2                                      |  |            |                               |                                  |
| Q3                                      |  |            |                               |                                  |
| Q4                                      |  |            |                               |                                  |

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## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

| 3.2 Table 1 - 401 CERTIFICATION ACTIONS |                  |           |                                  |                            |
|---|------------------|-----------|----------------------------------|----------------------------|
| ADEQ LTF No.                            | CoE Number       | Issued    | Project                          | Type                       |
| 62829                                   | N/A              | 8/11/2015 | Katherine Landing Access Project | Nationwide CWA 404 permits |
| Q1                                      |                  |           |                                  |                            |
| Q2                                      |                  |           |                                  |                            |
| Q3                                      |                  |           |                                  |                            |
| Q4                                      |                  |           |                                  |                            |
| 62843                                   | N/A              | 8/14/2015 | Eagle Crest Ranch Project        | Individual CWA 404 permits |
| Q1                                      |                  |           |                                  |                            |
| Q2                                      |                  |           |                                  |                            |
| Q3                                      |                  |           |                                  |                            |
| Q4                                      |                  |           |                                  |                            |
| 62848                                   | N/A              | 8/14/2015 | Lee's Ferry ERFO Repairs Project | Nationwide CWA 404 permits |
| Q1                                      |                  |           |                                  |                            |
| Q2                                      |                  |           |                                  |                            |
| Q3                                      |                  |           |                                  |                            |
| Q4                                      |                  |           |                                  |                            |
| 62855                                   | SPL-2012-101-KAT | 8/14/2015 | Various Bridges Modification     | Nationwide CWA 404 permits |
| Q1                                      |                  |           |                                  |                            |
| Q2                                      |                  |           |                                  |                            |
| Q3                                      |                  |           |                                  |                            |
| Q4                                      |                  |           |                                  |                            |

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## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

| 3.2 Table 1 - 401 CERTIFICATION ACTIONS |                    |            |  |                            |
|---|--------------------|------------|--|----------------------------|
| ADEQ LTF No.                            | CoE Number         | Issued     | Project  | Type                       |
| 62881                                   | SPL-2015-100-RJD   | 8/26/2015  | Nogalitos Detention Basin and Outfall Improvements Project | Nationwide CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |
| 63070                                   | SPL-2014-00196-KWG | 10/2/2015  | Sunset Road, Silverbell Road to I-10 Project               | Nationwide CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |
| 63128                                   | SPL-2006-00133-DE  | 10/16/2015 | Scorpion Bay Marina & Yacht Club Project                   | Individual CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |
| 63142                                   | N/A                | 10/21/2015 | Bush Highway Asphalt-Rubber Overlay Project                | Nationwide CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

| 3.2 Table 1 - 401 CERTIFICATION ACTIONS |                    |            |   |                            |
|---|--------------------|------------|---|----------------------------|
| ADEQ LTF No.                            | CoE Number         | Issued     | Project   | Type                       |
| 63165                                   | SPL-2014-44-PC     | 12/15/2015 | Rancho Paloma Residential Development             | Individual CWA 404 permits |
| Q1                                      |                    |            |   |                            |
| Q2                                      |                    |            |   |                            |
| Q3                                      |                    |            |   |                            |
| Q4                                      |                    |            |   |                            |
| 63171                                   | 984-0310-SDM       | 10/28/2015 | SaddleBrooke Ranch Resedential Development        | Individual CWA 404 permits |
| Q1                                      |                    |            |   |                            |
| Q2                                      |                    |            |   |                            |
| Q3                                      |                    |            |   |                            |
| Q4                                      |                    |            |   |                            |
| 63172                                   | SPL-2015-00641-WHM | 11/27/2015 | Colorado River RV Resort Boat Ramp Repair Project | Individual CWA 404 permits |
| Q1                                      |                    |            |   |                            |
| Q2                                      |                    |            |   |                            |
| Q3                                      |                    |            |   |                            |
| Q4                                      |                    |            |   |                            |
| 63223                                   | SPL-2013-00159-WHM | 11/9/2015  | Lake Havasu Boat Ramp and Parking Lot Project     | Individual CWA 404 permits |
| Q1                                      |                    |            |   |                            |
| Q2                                      |                    |            |   |                            |
| Q3                                      |                    |            |   |                            |
| Q4                                      |                    |            |   |                            |

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## TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

| 3.2 Table 1 - 401 CERTIFICATION ACTIONS |                    |            |  |                            |
|---|--------------------|------------|--|----------------------------|
| ADEQ LTF No.                            | CoE Number         | Issued     | Project                                      | Type                       |
| 63236                                   | N/A                | 11/13/2015 | Spruce Avenue Wash: Trax at Route 66 Project | Nationwide CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |
| 63315                                   | SPL-2013-00815-KAT | 12/15/2015 | SR 92 San Pedro River Bridge #449            | Nationwide CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |
| 63383                                   | SPL-2001-794-RJD   | 12/16/2015 | Town of Marana Silverbell/Ina Road Imp.      | Individual CWA 404 permits |
| Q1                                      |                    |            |  |                            |
| Q2                                      |                    |            |  |                            |
| Q3                                      |                    |            |  |                            |
| Q4                                      |                    |            |  |                            |

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## TASK 3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program (CWA 208 Program). Track implementation of new WQM Plans (e.g., Yuma, SEAGO).

### 3.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual        | Responsible Section |
|---|------------|---------------|---------------------|
| 1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3) | 6/30/2016  | See table 3.3 | Surface Water       |
| Q1 Status   |            |               |                     |
| Q2 Status   |            |               |                     |
| Q3 Status   |            |               |                     |
| Q4 Status   |            |               |                     |
| 2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3)             | 6/30/2016  | See table 3.3 | Surface Water       |
| Q1 Status   |            |               |                     |
| Q2 Status   |            |               |                     |
| Q3 Status   |            |               |                     |
| Q4 Status   |            |               |                     |
| 3 Revise State Water Quality Management Plan  |            |               |                     |
| a Conduct stakeholder process   | 9/30/2015  | On hold       | Surface Water       |
| Q1 Status   |            |               |                     |
| Q2 Status   |            |               |                     |
| Q3 Status   |            |               |                     |
| Q4 Status   |            |               |                     |
| b Draft Plan  | 12/30/2015 | On hold       | Surface Water       |
| Q1 Status   |            |               |                     |
| Q2 Status   |            |               |                     |
| Q3 Status   |            |               |                     |
| Q4 Status   |            |               |                     |
| c Finalize Plan   | 6/30/2016  | On hold       | Surface Water       |
| Q1 Status   |            |               |                     |
| Q2 Status   |            |               |                     |
| Q3 Status   |            |               |                     |
| Q4 Status   |            |               |                     |

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## TASK 3.3 Regional Water Quality Management Planning

Continued

| 3.3 FTE Funding Source                    | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|---|------|-----------|--------|----------|--------|---------|
| PPG                                       | 0.35 | 15,476    | 6,810  | 9,971    |        | 32,257  |
| 604(b)XV                                  | 0.65 | 28,742    | 11,208 | 17,874   |        | 57,824  |
| Aid to Orgs: Council of Gov't (604(b) XV) |      |           |        |          | 40,000 | 40,000  |
| TOTALS                                    | 1.00 | 44,218    | 18,018 | 27,845   | 40,000 | 130,081 |

### End of Year Summary

CAG has completed the public hearing process for the draft 208 WQM plan update. ADEQ and other stakeholder comments are being incorporated into the draft document. The next step in approval is the CAG regional committee process.

The City of Buckeye has submitted a 208 amendment to provide for an additional discharge point to increase effluent reuse and possible recharge. ADEQ staff is currently reviewing the completed regional packet for ADEQ certification. There are no other amendments pending approval for the semi-annual report.

ADEQ staff began 208 process improvement meetings with the Maricopa Association of Governments in March 2015 and the process was completed in fall 2015. MAG has subsequently incorporated a streamlined process for their small wastewater treatment plant approval process.

ADEQ staff has attended the CAG Environmental Planning Committee meetings to advise CAG on the CAG 208 draft WQMP update. ADEQ has provided comments on the draft plan.

### 3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING

| ProjectName                              | PlanningAgency | ReviewType  | PermitType | Date Received | Date Completed |
|--|----------------|-------------|------------|---------------|----------------|
| Mtn. View Church Septic System Expansion | SEAGO          | Conformance |            | 6/13/2016     | 6/17/2016      |
| Q1                                       |                |             |            |               |                |
| Q2                                       |                |             |            |               |                |
| Q3                                       |                |             |            |               |                |
| Q4                                       |                |             |            |               |                |
| Volkswagen Proving Grounds Septics       | CAG            | Conformance |            | 3/10/2016     | 3/24/2016      |
| Q1                                       |                |             |            |               |                |
| Q2                                       |                |             |            |               |                |
| Q3                                       |                |             |            |               |                |
| Q4                                       |                |             |            |               |                |



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## TASK 3.3 Regional Water Quality Management Planning

Continued

| 3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING  |                |             |            |               |                |
|---|----------------|-------------|------------|---------------|----------------|
| ProjectName   | PlanningAgency | ReviewType  | PermitType | Date Received | Date Completed |
| City of Chandler<br>Ocotillo WRF APP<br>modification<br>Q1<br>Q2<br>Q3<br>Q4                    | MAG            | Conformance |            | 12/30/2015    | 1/22/2016      |
| CAG 208 Areawide<br>WQM Plan<br>Q1<br>Q2 Still in regional review.<br>Q3<br>Q4 Still in process | CAG            | Amendments  |            | 11/1/2012     |                |
| City of Douglas<br>WWTP Expansion<br>Q1<br>Q2<br>Q3<br>Q4                                       | SEAGO          | Conformance |            | 7/20/2015     | 7/27/2015      |
| Bill Rice Ranch On-<br>site Septic System<br>Q1<br>Q2<br>Q3<br>Q4                               | NACOG          | Conformance |            | 4/8/2015      | 7/6/2015       |

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## TASK 3.3 Regional Water Quality Management Planning

Continued

| 3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING |                |            |            |               |                |
|--|----------------|------------|------------|---------------|----------------|
| ProjectName  | PlanningAgency | ReviewType | PermitType | Date Received | Date Completed |
| City of Buckeye -<br>Central WWTP.<br>New AZPDES Outfall | MAG            | Amendments |            | 1/8/2016      | 2/28/2016      |
| Q1   |                |            |            |               |                |
| Q2 In ADEQ certification process                         |                |            |            |               |                |
| Q3   |                |            |            |               |                |
| Q4   |                |            |            |               |                |

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## TASK 3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

### 3.4 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual    | Responsible Section |
|---|------------|-----------|---------------------|
| 1 Finalize triennial review   |            |           |                     |
| a Public notice draft rule  | 7/31/2015  | 2/19/2016 | Surface Water       |
| Q1 Status Notice of Proposed Rulemaking published 9/18/15.  |            |           |                     |
| Q2 Status Public hearing held 10/19/15 to coincide with conclusion of public notice period. EPA R9 expressed concern that ADEQ did not meet requirements (length of notice and providing supporting documentation) of CFR. ADEQ decided to reissue the proposed rule in Q3.                                 |            |           |                     |
| Q3 Status   |            |           |                     |
| Q4 Status Public notice published in AAR on Fe 19, 2016. This was the second time that the propose revisions were published. The first published on Sept 19, 2015.  |            |           |                     |
| b Complete triennial review   | 12/31/2015 | 6/30/2016 | Surface Water       |
| Q1 Status   |            |           |                     |
| Q2 Status Based on current timeline ADEQ will submit Notice of Final Rulemaking to GRRC in late Q4.   |            |           |                     |
| Q3 Status   |            |           |                     |
| Q4 Status Public hearing held on April 6, 2016 to coincide with closing of Public Notice period. GRRC approval, notice of final rulemaking and submittal to EPA will occur in FY17 Q1.  |            |           |                     |
| 2 Prepare draft narrative lakes nutrient criteria and implementations for EPA review  | 12/31/2015 | 6/30/2016 | Surface Water       |
| Initiate stakeholder process for Triennial Review   |            |           |                     |
| Q1 Status ADEQ is still waiting for technical report from contractor.   |            |           |                     |
| Q2 Status Technical report was received from contractor. ADEQ completed an updated draft narrative nutrient matrix for lakes. Internal review will take place in early Q3 followed by discussions with EPA R9 to determine next steps. The NNS for lakes will not be included in the current TR rulemaking. |            |           |                     |
| Q3 Status   |            |           |                     |
| Q4 Status Draft summary was completed in Q4 and will be submitted to EPA R9 for their review in FY17 Q1   |            |           |                     |

| 3.4 FTE Funding Source   | FTE  | Personnel | ERE    | Indirect | Others | Total  |
|--------------------------|------|-----------|--------|----------|--------|--------|
| WQARF NPS in PPG [Match] | 0.08 | 5,239     | 2,305  | 3,375    |        | 10,919 |
| PPG                      | 0.16 | 7,508     | 3,304  | 4,837    |        | 15,649 |
| NPS in PPG               | 0.49 | 27,395    | 12,054 | 17,650   |        | 57,099 |
| TOTALS                   | 0.73 | 40,142    | 17,663 | 25,862   |        | 83,667 |

## End of Year Summary

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## TASK 3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

### 3.5 DELIVERABLES

| OUTPUT DESCRIPTION   | Target                 | Actual | Responsible Section |
|--|------------------------|--------|---------------------|
| 1 Conduct ambient monitoring program per FY16 sampling and analysis plan (SAP) throughout Arizona. |                        |        |                     |
| a Ambient stream sampling  | 200 stream samples     | 235    | Surface Water       |
| Q1 Status 26   |                        |        |                     |
| Q2 Status 67   |                        |        |                     |
| Q3 Status 93   |                        |        |                     |
| Q4 Status 235  |                        |        |                     |
| b Groundwater sampling   | 50 groundwater samples | 54     | Surface Water       |
| Q1 Status 11   |                        |        |                     |
| Q2 Status 20   |                        |        |                     |
| Q3 Status 31   |                        |        |                     |
| Q4 Status 54   |                        |        |                     |
| c Lake sampling  | 120 lake samples       | 111    | Surface Water       |
| Q1 Status 34   |                        |        |                     |
| Q2 Status 58   |                        |        |                     |
| Q3 Status 58   |                        |        |                     |
| Q4 Status 111  |                        |        |                     |
| d Fish sampling  | 60 fish samples        | 108    | Surface Water       |
| Q1 Status 0  |                        |        |                     |
| Q2 Status 23   |                        |        |                     |
| Q3 Status 23   |                        |        |                     |
| Q4 Status 108  |                        |        |                     |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.5 Ambient Monitoring Program

Continued

### 3.5 DELIVERABLES

| OUTPUT DESCRIPTION                       | Target  | Actual    | Responsible Section |
|--|---|-----------|---------------------|
| 2 Send FY16 SAP to EPA.                  | 8/31/2015   | 5/19/2015 | Surface Water       |
| Q1 Status                                |   |           |                     |
| Q2 Status                                |   |           |                     |
| Q3 Status                                |   |           |                     |
| Q4 Status                                |   |           |                     |
| 3 Prepare FY17 ambient monitoring plan   | 6/30/2016   | 6/15/2016 | Surface Water       |
| Q1 Status                                |   |           |                     |
| Q2 Status                                |   |           |                     |
| Q3 Status                                |   |           |                     |
| Q4 Status                                |   |           |                     |
| 4 Complete groundwater basin report for: |   |           |                     |
| a Salt River                             | 3/31/2016   | 5/24/2016 | Surface Water       |
| Q1 Status                                |   |           |                     |
| Q2 Status                                |   |           |                     |
| Q3 Status                                |   |           |                     |
| Q4 Status                                | Off target due to loss of groundwater data entry staff. Groundwater monitoring staff shifted sampling and report writing schedule to accommodate unexpected retirement of groundwater data entry staff. |           |                     |

| 3.5 FTE Funding Source                  | FTE  | Personnel | ERE     | Indirect | Others  | Total     |
|---|------|-----------|---------|----------|---------|-----------|
| WQARF NPS in PPG [Match]                | 3.51 | 169,677   | 74,658  | 109,316  |         | 353,651   |
| WQARF                                   | 0.25 | 13,144    | 5,783   | 8,468    |         | 27,395    |
| PPG                                     | 1.81 | 83,523    | 36,750  | 53,810   |         | 174,083   |
| NPS in PPG                              | 1.73 | 89,473    | 39,368  | 57,644   |         | 186,485   |
| Contract: USGS (PPG)                    |      |           |         |          | 90,000  | 90,000    |
| Contract: Ambient Sampling (PPG)        |      |           |         |          | 178,000 | 178,000   |
| Contract: Ambient Sampling (NPS in PPG) |      |           |         |          | 70,000  | 70,000    |
| TOTALS                                  | 7.30 | 355,817   | 156,559 | 229,238  | 338,000 | 1,079,614 |

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## TASK 3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

### 3.6 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual    | Responsible Section |
|---|------------|-----------|---------------------|
| 1 Conduct nutrient monitoring for Rivers and Streams per FY16 sampling and analysis plan.<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status   | Quarterly  |           | Surface Water       |
| 2 Develop recreational monitoring program   |            |           |                     |
| a Establish policies and procedures to identify unsanitary beach conditions and work with land owners and health departments to protect human health.<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status | 7/31/2015  | 7/1/2015  | Surface Water       |
| b Develop sampling protocols for monitoring streams and lakes for recreation.<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status   | 8/31/2015  | 8/30/2015 | Surface Water       |
| c Conduct outreach to possibly impacted groups (county health departments, USFS, state parks, cities, etc.)<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status   | 12/31/2015 | 11/1/2015 | Surface Water       |
| d Create sample plan<br>Q1 Status<br>Q2 Status<br>Q3 Status<br>Q4 Status  | 2/29/2016  | 2/29/2016 | Surface Water       |

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## TASK 3.6 106 Monitoring

Continued

### 3.6 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual    | Responsible Section |
|--|--|-----------|---------------------|
| e Complete sampling  | 6/30/2016  |           | Surface Water       |
| Q1 Status  |  |           |                     |
| Q2 Status  |  |           |                     |
| Q3 Status  |  |           |                     |
| Q4 Status  | Additional buyin from stakeholders needed before sampling completed. One site was sampled over spring break but the remaining 19 sites were not sampled. Water quality director and agency director indicated higher level discussions with stakeholders is the key to the recreational monitoring program's success, which is expected to occur before the spring and summer of 2017. |           |                     |
| 3 Intermittent Streams   |  |           |                     |
| a Develop randomized network of flow sensors to develop intermittent stream target population and map. | 8/31/2015  | 3/15/2015 | Surface Water       |
| Q1 Status  |  |           |                     |
| Q2 Status  |  |           |                     |
| Q3 Status  |  |           |                     |
| Q4 Status  |  |           |                     |
| b Begin to deploy random network flow sensors  | 12/31/2015   | 8/1/2015  | Surface Water       |
| Q1 Status  |  |           |                     |
| Q2 Status  |  |           |                     |
| Q3 Status  |  |           |                     |
| Q4 Status  |  |           |                     |
| c Begin to identify intermittent stream indicators.  | 6/30/2016  | 6/30/2016 | Surface Water       |
| Q1 Status  |  |           |                     |
| Q2 Status  |  |           |                     |
| Q3 Status  |  |           |                     |
| Q4 Status  |  |           |                     |
| d Develop protocols and identify applicable labs.  | 6/30/2016  | 6/30/2016 | Surface Water       |
| Q1 Status  |  |           |                     |
| Q2 Status  |  |           |                     |
| Q3 Status  |  |           |                     |
| Q4 Status  |  |           |                     |

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## TASK 3.6 106 Monitoring

Continued

### 3.6 DELIVERABLES

| OUTPUT DESCRIPTION   | Target     | Actual     | Responsible Section |
|--|------------|------------|---------------------|
| 4 Develop strategy to expand monitoring program to support strategic planning performance measure to improve water quality in 50% of monitored waters of the state.                              | 12/31/2015 | 12/31/2015 |                     |
| Q1 Status  |            |            |                     |
| Q2 Status  |            |            |                     |
| Q3 Status  |            |            |                     |
| Q4 Status Although a strategy was developed it has not been approved or implemented.   |            |            |                     |
| 5 Sample 19 sites selected by EPA for the National Wetland Condition Assessment  | 9/30/2016  |            |                     |
| Q1 Status  |            |            |                     |
| Q2 Status  |            |            |                     |
| Q3 Status  |            |            |                     |
| Q4 Status Task expected to be completed by 9/30/16. As of 6/15/16, ADEQ does not have 19 wetland sites statewide to sample and EPA headquarters has not formulated a plan to address this issue. |            |            |                     |

| 3.6 FTE Funding Source   | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|--------------------------|------|-----------|--------|----------|--------|---------|
| WQARF NPS in PPG [Match] | 1.09 | 60,502    | 26,621 | 38,979   |        | 126,102 |
| PPG                      | 0.46 | 21,207    | 9,331  | 13,663   |        | 44,201  |
| NPS in PPG               | 0.08 | 3,754     | 1,652  | 2,418    |        | 7,824   |
| 106 Mon - 5              | 1.34 | 67,368    | 29,642 | 43,402   |        | 140,412 |
| TOTALS                   | 2.97 | 152,831   | 67,246 | 98,462   |        | 318,539 |

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## TASK 3.7 305(b) Water Quality Assessment Report and 303(d) List

Develop Integrated Report and list of impaired waters.

### 3.7 DELIVERABLES

| OUTPUT DESCRIPTION                                      | Target  | Actual    | Responsible Section |
|---|---|-----------|---------------------|
| 1 Develop 2016 305(b) Integrated Report and 303(d)-List |   |           |                     |
| a Draft to public notice                                | 1/31/2016   | 6/13/2016 | Surface Water       |
| Q1 Status   |   |           |                     |
| Q2 Status   |   |           |                     |
| Q3 Status   |   |           |                     |
| Q4 Status   | One of the two assessment staff retired just before the compiling of the 2016 assessment in August 2015. The loss of the assessment staff added several months to determine how the various automated scripts that are used in the assessment were built. |           |                     |
| b 45-day AAR Notice begins                              | 5/31/2016   | 6/13/2016 | Surface Water       |
| Q1 Status   |   |           |                     |
| Q2 Status   |   |           |                     |
| Q3 Status   |   |           |                     |
| Q4 Status   | One of the two assessment staff retired just before the compiling of the 2016 assessment in August 2015. The loss of the assessment staff added several months to determine how the various automated scripts that are used in the assessment were built. |           |                     |

| 3.7 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| PPG                    | 0.38 | 16,646    | 7,324  | 10,724   |        | 34,694  |
| NPS in PPG             | 0.87 | 48,538    | 21,357 | 31,271   |        | 101,166 |
| TOTALS                 | 1.25 | 65,184    | 28,681 | 41,995   |        | 135,860 |

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## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality.

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION  | Target                           | Actual | Responsible Section |
|---|----------------------------------|--------|---------------------|
| 1 In-progress traditional TMDLs to determine pollutant sources and load/waste load allocations. |                                  |        |                     |
| a Complete TMDLs for Queen Creek (6)  | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| b Complete TMDLs for Pinto Creek (4)  | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| c Complete TMDLs for Middle Gila (2)  | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| d Continue data collection and analysis for Mule Gulch TMDLs (4)                                | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION  | Target                           | Actual | Responsible Section |
|---|----------------------------------|--------|---------------------|
| ei Complete TMDLs for Granite Creek (4)   | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| eii Complete TMDLs for Watson Lake (3)  | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| 2 Water Quality Improvement Plans including WIP and TMDL elements.  |                                  |        |                     |
| a Complete inclusion of TMDL elements and refinement of project priorities to update Granite Creek WIP to a WQIP. | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| b Continue data collection and analysis for Santa Cruz WQIPs (4).   | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status   |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |
| Q3 Status   |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |                                  |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION   | Target                           | Actual | Responsible Section |
|--|----------------------------------|--------|---------------------|
| c Expand San Pedro WIP to Mexican border and develop TMDL elements to create WQIP. | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status  |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| Q3 Status  |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| 3 Focused TMDLs/Alternative plans/Data summaries/other .                           |                                  |        |                     |
| a Complete Lyman Lake Hg data summary.   | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status  |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| Q3 Status  |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| b Complete Rainbow Lake watershed coordination/data collection.                    | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status  |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| Q3 Status  |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| c Complete Davidson Canyon baseline monitoring.                                    | Semi-Annual Status Table Updates |        | Surface Water       |
| Q1 Status  |                                  |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |
| Q3 Status  |                                  |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                  |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual | Responsible Section |
|--|--|--------|---------------------|
| 4 NPS Program Planning.  |  |        |                     |
| a Identify high-priority restoration and protection watersheds for NPS resources and share with EPA/on ADEQ website. | 9/30/2015  |        | Surface Water       |
| Q1 Status  |  |        |                     |
| Q2 Status  | ADEQ's NPS Targeted Watersheds remain the same as in the prior fiscal year. In addition, the Master Target List (shared online as an appendix of the NPS Annual Report) identifies priorities for effectiveness monitoring and additional implementation activities. Draft protection criteria were developed in August 2015 and underwent internal review in Q2. A cross-program workgroup has since been convened to update and finalize criteria recommendations before the end of the current fiscal year. |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  | ADEQ's NPS Targeted Watersheds remain the same as in the prior fiscal year. In addition, the Master Target List (shared online as an appendix of the NPS Annual Report) identifies priorities for effectiveness monitoring and additional implementation activities. Protection criteria documentation was reviewed internally, approved, and sent to EPA for review in June 2016.   |        |                     |
| b.i WQIG Cycle development: Conduct workshops and other Cycle 17-related outreach.                                   | 10/30/2015   |        | Surface Water       |
| Q1 Status  |  |        |                     |
| Q2 Status  | Two workshops, October 7th and 26th were provided for stakeholders interested in applying for WQIG Cycle 17.   |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  | Workshops completed in Q2.   |        |                     |
| b.iii WQIG Cycle development: Accept and review Cycle 17 pre-proposals.  | 12/31/2015   |        | Surface Water       |
| Q1 Status  |  |        |                     |
| Q2 Status  | Workshops resulted in applications for four project within the targeted watersheds. Final applications are currently under review.   |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  | There were no pre-proposals.   |        |                     |

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section |
|--|-----------|--------|---------------------|
| b.iv WQIG Cycle development: Accept and review final Cycle 17 applications; make final awards.   | 3/31/2016 |        | Surface Water       |
| Q1 Status  |           |        |                     |
| Q2 Status Projects are currently being evaluated and grant agreements will be developed by 3/1/16  |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status Final applications were received on November 13, 2015. Review followed. Final awards were in April 2016.                                   |           |        |                     |
| bi WQIG Cycle development: Release Cycle 17 RFGA.  | 9/30/2015 |        | Surface Water       |
| Q1 Status  |           |        |                     |
| Q2 Status WQIG Cycle 17 was released 10/01/15  |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status Completed in Q2  |           |        |                     |
| c Coordinate year one of jointly-funded grant opportunity with AZGFD.  | 6/30/2016 |        | Surface Water       |
| Q1 Status  |           |        |                     |
| Q2 Status ADEQ has reviewed and accepted funding of six AZGFD coordinated projects for \$130,942.00 in the Little Colorado River targeted watershed. |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status Continued coordination efforts ongoing   |           |        |                     |
| d Completion of FY17 Surface Water Section workplan draft and final submission to EPA.   | 6/30/2016 |        | Surface Water       |
| Q1 Status  |           |        |                     |
| Q2 Status FY17 workplan will be completed in Q3.   |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status FY17 workplan drafted in May 2016  |           |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

### 3.8 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual | Responsible Section  |
|---|------------|--------|--|
| 5 General oversight of existing partnership agreements with other state and federal agencies.                 |            |        |  |
| a Meet with partners to discuss NPS priorities and activities.  | 12/31/2015 |        | Surface Water  |
| Q1 Status   |            |        |  |
| Q2 Status   |            |        | Surface Water Section staff met with representatives from the State Foresters office, USFS, AZG&F, the Borderlands Restoration Group, Sierra Club, the Sky Island Alliance and WIFA during Q1 and Q2 to discuss potential joint priorities and opportunities to partner on projects. |
| Q3 Status   |            |        |  |
| Q4 Status   |            |        | Completed in Q2  |
| b Coordinate with NRCS on National Water Quality Initiative (NWQI) planning and outreach activities for FY16. | 6/30/2016  |        | Surface Water  |
| Q1 Status   |            |        |  |
| Q2 Status   |            |        | Staff changes at NRCS have resulted in a gap in communication between ADEQ and NRCS. Through discussions with EPA and NRCS, ADEQ has identified the need for addressing this issue. This is a priority for Q3.   |
| Q3 Status   |            |        |  |
| Q4 Status   |            |        | ADEQ has met with NRCS field staff in Springerville, Douglas, and Willcox to discuss NWQI/WQIG projects. Additional coordination is planned for FY17.  |
| c Participate in FY16 coordinated resource planning efforts of federal and state agencies.                    | 6/30/2016  |        | Surface Water  |
| Q1 Status   |            |        |  |
| Q2 Status   |            |        | Responded to two requests for comment on USFS activities in the LCR watershed (Apache Sitgreaves NF). Met with USFS and AZ Game and Fish in Q2 to discuss nonpoint source priorities and partnership opportunities for FY16/17.  |
| Q3 Status   |            |        |  |
| Q4 Status   |            |        | Continued coordination with USFS and AZGFD through FY16.   |

# SFY 2016 WORKPLAN - Quarter Status Report

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## **TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities**

Continued

| <b>3.8 FTE Funding Source</b> | <b>FTE</b>  | <b>Personnel</b> | <b>ERE</b>    | <b>Indirect</b> | <b>Others</b> | <b>Total</b>   |
|-------------------------------|-------------|------------------|---------------|-----------------|---------------|----------------|
| WQARF NPS in PPG [Match]      | 0.58        | 29,605           | 13,026        | 19,073          |               | 61,704         |
| PPG                           | 0.25        | 16,386           | 7,210         | 10,557          |               | 34,153         |
| NPS in PPG                    | 2.70        | 153,529          | 67,553        | 98,912          |               | 319,994        |
| Contract: TMDL Sampling (PPG) |             |                  |               |                 | 88,000        | 88,000         |
| <b>TOTALS</b>                 | <b>3.53</b> | <b>199,520</b>   | <b>87,789</b> | <b>128,542</b>  | <b>88,000</b> | <b>503,851</b> |

## **End of Year Summary**



# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes.

### 3.9 DELIVERABLES

| OUTPUT DESCRIPTION   | Target                          | Actual | Responsible Section |
|--|---------------------------------|--------|---------------------|
| 1 Oversee ongoing implementation projects and technical support contracts to ensure timely completion. | Semi Annual Status Table Update |        | Surface Water       |
| Q1 Status  |                                 |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| Q3 Status  |                                 |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| 2 Effectiveness monitoring and BMP evaluations.  |                                 |        |                     |
| a Little Colorado River Headwaters.  | Semi Annual Status Table Update |        | Surface Water       |
| Q1 Status  |                                 |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| Q3 Status  |                                 |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| b San Pedro River  | Semi Annual Status Table Update |        | Surface Water       |
| Q1 Status  |                                 |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| Q3 Status  |                                 |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| c Granite Creek  | Semi Annual Status Table Update |        | Surface Water       |
| Q1 Status  |                                 |        |                     |
| Q2 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |
| Q3 Status  |                                 |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.  |                                 |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

### 3.9 DELIVERABLES

| OUTPUT DESCRIPTION  | Target  | Actual | Responsible Section |
|---|---|--------|---------------------|
| d Other MTL waters.   | Semi Annual<br>Status Table<br>Update   |        | Surface Water       |
| Q1 Status   |   |        |                     |
| Q2 Status   | See Table 3.8 & 3.9 for comments.   |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   | See Table 3.8 & 3.9 for comments.   |        |                     |
| 3 Implement general nonpoint source education, outreach, and technical support activities as requested. |   |        |                     |
| a Statewide education and outreach.   | 6/30/2016   |        | Surface Water       |
| Q1 Status   |   |        |                     |
| Q2 Status   | Provided multiple webinars to inform stakeholders of ADEQ's Water Quality Improvement Grant Program. Webinars were attended by individuals throughout the state. Presentations were provided at multiple Natural Resource Conservation District Meetings as well.                             |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   | ADEQ staff participated in volunteer water quality trainings to Sentinels and grantees and attended meetings with Hereford NRCD and San Pedro NRCD.   |        |                     |
| b GIS and mapping assistance for internal and external customers.                                       | 6/30/2016   |        | Surface Water       |
| Q1 Status   |   |        |                     |
| Q2 Status   | Maps were provided to support review of Cycle 17 WQIG applications. Data layers for WQIG projects were provided to AZGFD to help them evaluate applications under the ADEQ/AZGFD funding agreement. Other maps and GIS support provided to internal and external staff on an as needed basis. |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   | Maps and GIS layers were updated as necessary   |        |                     |
| 4 Report internally, to EPA, and to the public on NPS Program progress and success.                     |   |        |                     |
| a.i NPS Annual Report Draft   | 7/31/2015   |        | Surface Water       |
| Q1 Status   | NPS FY15 results were reported to EPA in presentation format in September 2015.   |        |                     |
| Q2 Status   | Final report submitted to EPA 1/6/16.   |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   | Annual NPS report drafted in Q4.  |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

### 3.9 DELIVERABLES

| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section   |
|--|-------------|--------|---|
| a.ii NPS Annual Report Final   | 9/30/2015   |        | Surface Water   |
| Q1 Status  |             |        | Final report submitted to EPA 1/6/16.   |
| Q2 Status  |             |        | A presentation on the FY15 NPS Annual Report was given to EPA Region 9 in September 2015. The final report was submitted in January 2016.   |
| Q3 Status  |             |        |   |
| Q4 Status  |             |        | Final report should be submitted Q2 of FY17.  |
| b Workplan reporting   | Bi-annually |        | Surface Water   |
| Q1 Status  |             |        |   |
| Q2 Status  |             |        | This report constitutes the first half of this workplan deliverable.  |
| Q3 Status  |             |        |   |
| Q4 Status  |             |        | This report constitutes the second half of this workplan deliverable.   |
| c NWQI reporting   | 6/30/2016   |        | Surface Water   |
| Q1 Status  |             |        |   |
| Q2 Status  |             |        | Not applicable.   |
| Q3 Status  |             |        |   |
| Q4 Status  |             |        | NA  |
| d Continue development of the Water Quality Index (WQI) tool and report on progress toward Water Quality Division performance measure. | Monthly     |        | Surface Water   |
| Q1 Status  |             |        | 18 out of 25 (72%) waters showed improvement. These included delists approved in the 2010 305(b) Assessment   |
| Q2 Status  |             |        | 6 out of 9 (67%) monitored waters showed improvement. Year to date: 24/30 waters have shown improvement (80%). Strategic planning period to date (FY14 to present): 25 out of 41 (61%) waters have improved.  |
| Q3 Status  |             |        |   |
| Q4 Status  |             |        | Q4 - 0 out of 1 (0%) of monitored waters showed improvement. FY 16 - 25/34 (74%) of waters have shown improvement. Strategic planning period to date (FY14 to present) - 25/58 (43%) of waters have improved. |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

### 3.9 DELIVERABLES

| OUTPUT DESCRIPTION  | Target     | Actual | Responsible Section |
|---|------------|--------|---------------------|
| e Develop list of potential waters for WQ-10 and/or SP-12 reporting to EPA.   | 12/31/2015 |        | Surface Water       |
| Q1 Status   |            |        |                     |
| Q2 Status Potential SP-12 waters:<br>Tonto Creek, Boulder Creek, Mule Gulch   |            |        |                     |
| Q3 Status   |            |        |                     |
| Q4 Status ADEQ and EPA drafting success stories for Mule Gulch and middle Gilas. Tonto Creek will be developed after assessment is approved.  |            |        |                     |
| f Draft and submit two WQ-10 and/or SP-12 reports to EPA.   | 6/30/2016  |        | Surface Water       |
| Q1 Status   |            |        |                     |
| Q2 Status Delist reports have been written up for 4 Mule Gulch and 2 Tonto Creek deslistings. Staff will work to modify these reports to meet SP-12 requirements by the end of the current fiscal year. |            |        |                     |
| Q3 Status   |            |        |                     |
| Q4 Status ADEQ and EPA used story builder to develop success stories for Mule Gulch and middle Gilas. Tonto Creek will be developed after assessment is approved.                                       |            |        |                     |
| g Work with EPA to calculate and submit federal FY15 end-of-year results and submit draft final commitments for federal FY16 for WQ-27.   | 10/31/2015 |        | Surface Water       |
| Q1 Status   |            |        |                     |
| Q2 Status Completed October 2015.   |            |        |                     |
| Q3 Status   |            |        |                     |
| Q4 Status See Table 3.8 & 3.9 for comments.   |            |        |                     |
| h Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.  | 2/15/2016  |        | Surface Water       |
| Q1 Status   |            |        |                     |
| Q2 Status Staff worked with U of A throughout Q2 to determine load reductions for applicable projects and are on track for the GRTS data entry deadline.  |            |        |                     |
| Q3 Status   |            |        |                     |
| Q4 Status Staff worked with U of A throughout Q4 to determine load reductions for applicable projects and are on track for the GRTS data entry deadline.  |            |        |                     |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

### 3.9 DELIVERABLES

| OUTPUT DESCRIPTION  | Target   | Actual | Responsible Section |
|---|--|--------|---------------------|
| i Enter mandated elements into GRTS for all new projects; update for existing projects as needed. | 6/30/2016  |        | Surface Water       |
| Q1 Status   |  |        |                     |
| Q2 Status   | Not applicable   |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   | All applicable GRTS data for new projects has been entered.  |        |                     |
| j Conduct monthly update calls with EPA Region 9.   | Monthly  |        | Surface Water       |
| Q1 Status   |  |        |                     |
| Q2 Status   | Watershed Protection Unit staff participated in monthly call with EPA Region 9 staff throughout Q1 and Q2. |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   | Watershed Protection Unit staff participated in monthly call with EPA Region 9 staff throughout Q3 and Q4. |        |                     |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.9 FTE Funding Source                  | FTE  | Personnel | ERE     | Indirect | Others    | Total     |
|---|------|-----------|---------|----------|-----------|-----------|
| WQARF NPS in PPG [Match]                | 1.25 | 70,807    | 31,155  | 45,618   |           | 147,580   |
| NPS in PPG                              | 4.67 | 233,680   | 102,819 | 150,549  |           | 487,048   |
| Aid to Orgs: NPS Projects (NPS Proj 26) |      |           |         |          | 1,243,000 | 1,243,000 |
| TOTALS                                  | 5.92 | 304,487   | 133,974 | 196,167  | 1,243,000 | 1,877,628 |

## End of Year Summary

| 3.8 and 3.9  |  |                    |         |           |
|--|--|--------------------|---------|-----------|
| Task #   | ProjectName                                | ProjectType        | Purpose | Pollutant |
| 3.9  | WQIG#15-001: Sands Ranch Brush Eradication | NPS Implementation | WQIG    | E. coli   |
| Milestone: 1) Site visits conducted quarterly<br>Completed on 12/31/2015   |  |                    |         |           |
| Q1   |  |                    |         |           |
| Q2 Spike 20 was applied to 2073 acres in February 2015 and has been monitored for effectiveness during this quarter through vegetative transects. Three (5000 gallon livestock drinkers and 2.5 miles of pipeline were installed. A final report for this project was submitted. A final budget is needed. A closure site visit is scheduled for February 11, 2016.  |  |                    |         |           |
| Q3   |  |                    |         |           |
| Q4 Spike 20 aerial application, water tanks, drinkers, and pipeline were completed and inspected by ADEQ during and on the final site visit in February. The BMPs and vegetation transects will continue to be monitored by WPU.   |  |                    |         |           |
| 3.9  | Prescott Rodeo Grounds Project             | NPS Implementation | WQIG    | E. coli   |
| Milestone: Completed June 30, 2016   |  |                    |         |           |
| Q1   |  |                    |         |           |
| Q2 Prescott Rodeo Grounds project - 90 % completed sediment control basin design drawings. A RFP was released to landscape architects with one company selected to provide vegetative bio-basin design and an interpretive sign design concept. One water quality sample was collected on Nov. 11, 2015 and analyzed for turbidity and E. coli.  |  |                    |         |           |
| Q3   |  |                    |         |           |
| Q4 City of Prescott's Rodeo Grounds project was completed on June 30, 2016. A site visit was completed on July 29, 2016. The sediment control basin was completed in time for monsoon rains and the rodeo event. A fence was installed around the structure and a large kiosk explains through diagrams the purpose for the structure. Rack cards were created and are handed out to people attending events throughout the year. A manure share program that the OCWC created is mentioned on the brochure. |  |                    |         |           |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9   |  |                    |         |           |
|---|--|--------------------|---------|-----------|
| Task #  | ProjectName                            | ProjectType        | Purpose | Pollutant |
| 3.9   | Cycle 16 Oak Creek Ambassadors Project | NPS Implementation | WQIG    | E. coli   |
| Milestone: Will close August 31, 2016   |  |                    |         |           |
| Q1  |  |                    |         |           |
| Q2 October - December 2015 -two Ambassadors continue to picking up trash and interact face-to-face with visitors about responsible recreation throughout the Oak Creek watershed.The Ambassadors continue to collect water quality samples at key locations along Oak Creek and deliver to a laboratory in Sedona for analysis. |  |                    |         |           |
| Q3  |  |                    |         |           |
| Q4 The Ambassadors work is coming to a close on August 31, 2016. Water sampling was completed while trash pick up, including large large events with community businesses continues until the end of the contract. A site visit is planned for September after the grant closes.  |  |                    |         |           |
| 3.9   | Cycle 16 Sands Ranch Grant             | NPS Implementation | WQIG    | E. coli   |
| Milestone: Will close August 31, 2016   |  |                    |         |           |
| Q1  |  |                    |         |           |
| Q2 The property owner continues is wait for State Land approval to make improvements on the land. Approval for land treatment and application to place improvements is also required before on-the-ground work can begin.   |  |                    |         |           |
| Q3  |  |                    |         |           |
| Q4 Sands Ranch Brush removal project will be closing at the end of August. The herbicide was dropped from aircraft in March. The last of the work was storage tanks and pipeline. These BMPs are will be completed this month after receiveing state land and SHPO approval.  |  |                    |         |           |
| 3.9   | Cycle 16 Curtis Ranch Grant            | NPS Implementation | WQIG    | E. coli   |
| Milestone: Completed June 30, 2016  |  |                    |         |           |
| Q1  |  |                    |         |           |
| Q2 Application of Spike 20 treatment to 1000 acres on Sept. 2 and 3, 2015. To monitor the effectiveness of the herbicide, vegetation transects where established on September 11 and 28, 2015. ADEQ staff also reviewed the site and established photo points and future transect locations.                                    |  |                    |         |           |
| Q3  |  |                    |         |           |
| Q4 Spike 20 herbicide was sprayed in September 2016. Since then there has been trips to the site by Ron Tiller and the grantee/contractor to plot vegetation transects. Monitoring of the transects are underway and will continue long-term.   |  |                    |         |           |

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Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9   |                                      |  |                          |              |
|---|--------------------------------------|--|--------------------------|--------------|
| Task #  | ProjectName                          | ProjectType                                | Purpose                  | Pollutant    |
| 3.9   | ADEQ/AGFD Implementation Partnership | NPS Implementation                         | WQIG                     | Various      |
| Milestone: Will close May 31, 2017  |                                      |  |                          |              |
| Q1  |                                      |  |                          |              |
| Q2 AGFD received approval from ADEQ to proceed with gaining permitting clearances in the Little Colorado River watershed after verifying there were no overlaps with current and Cycle 17 ADEQ projects.  |                                      |  |                          |              |
| Q3  |                                      |  |                          |              |
| Q4 WPU discussed with the AZGF the areas of on-the-ground work and have approved the scopes of work thus far. The areas of focus are the Little Colorado River, Buenos Aires National Wildlife Refuge, and Northern Grasslands. SHPO clearances have been completed. A site visit to Buenos Aires is planned in the next month. |                                      |  |                          |              |
| 3.8   | Mule Gulch                           | Traditional TMDL; Effectiveness Monitoring | Plan Development; WQD PM | Dissolved Cu |
| Milestone: 1) Complete sampling (10/1/15)<br>2) Determine if delist or TMDL report is required (11/9/15)  |                                      |  |                          |              |
| Q1 Off target- Project manager was reassigned to Gold King Mine spill; unable to spend time on Mule Gulch. No sampling took place.  |                                      |  |                          |              |
| Q2 Off target- Installed monitoring equipment and weather station. No samples were collected.   |                                      |  |                          |              |
| Q3  |                                      |  |                          |              |
| Q4 AGFD provided cultural clearance for projects in the Little Colorado River watershed with ADEQ funds. AGFD has begun additional projects on the Bar T Bar Ranch to improve 1324 acres of rangeland. No samples have been collected to date. Equipment is deployed and awaiting sufficient precipitation to trigger runoff.   |                                      |  |                          |              |
| 3.8   | Granite Creek WQIP                   | WQIP (combined)                            | Plan Completion          | E. coli      |
| Milestone: 1) Draft update WIP with TMDL elements included (7/31/15)<br>2) Post final updated plan to website pending EPA approval of TMDL (9/30/15)  |                                      |  |                          |              |
| Q1  |                                      |  |                          |              |
| Q2 Off target - Computing modelling of best management practices has been completed, draft WIP update in development. Draft will be provided to Watershed Improvement Council by 3/1/16 for review and comments.  |                                      |  |                          |              |
| Q3  |                                      |  |                          |              |
| Q4 Off Target- Draft under internal review. Draft will be provided to the Watershed Improvement Council beginning of August with a finalized version by 9/1/16.   |                                      |  |                          |              |



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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9   |                 |                 |                  |           |
|---|-----------------|-----------------|------------------|-----------|
| Task #  | ProjectName     | ProjectType     | Purpose          | Pollutant |
| 3.8   | Santa Cruz WQIP | WQIP (combined) | Plan Development | E. coli   |
| Milestone: 1) Data collection (6/30/16)<br>2) Begin drafting WQIP (1/1/16)  |                 |                 |                  |           |
| Q1  |                 |                 |                  |           |
| Q2 Surface Water Section and U of A staff worked with monitoring volunteers to collect and QA/QC E. coli data through the summer monsoon. The decision was made to continue sampling through winter storms, performing dilutions on all samples in an effort to compare relative bacteria loads from the various subwatersheds. Background information for the WQIP, now termed a "Clean Water Plan," was developed by Tetra Tech under an EPA contract. ADEQ staff have begun outlining additional sections of the report, but have put efforts on hold until after a call scheduled for late January to discuss Tetra Tech's role moving forward. |                 |                 |                  |           |
| SRO: On November 17, shared status of Nogales Wash sanitary sewer overflows with WQD during Santa Cruz River Watershed Implementation Plan teleconference. On December 15, shared alternative best management practices, and contact information for stakeholders that can respond to future request for proposals in both the Upper San Pedro and Santa Cruz River Watersheds.   |                 |                 |                  |           |
| Q3  |                 |                 |                  |           |
| Q4 Volunteer monitoring teams are in place. Due to a lack of weather events, volunteers have not been able to obtain samples. Volunteer meetings will be schedule for FY17 Q1 to identify areas of concern to continue the development of the watershed plan. Tetra Tech is continuing to develop information and modeling for the WQIP.  |                 |                 |                  |           |
| 3.8   | San Pedro WQIP  | WQIP (combined) | Plan Completion  | E. coli   |
| Milestone: 1) Meet with stakeholders (7/15/15)<br>2) Finalize SAP (7/30/15)<br>3) Train volunteers and initiate data collection (8/30/15)   |                 |                 |                  |           |
| Q1  |                 |                 |                  |           |
| Q2 SRO: On October 22, 23 and December 8,9, assisted WQD staff with field work on the Upper San Pedro River basin. On November 10 and November 19, shared preliminary results of AGWA model developed to understand sediment sources impacting the Upper San Pedro River. Results were shared with WQD leadership and grants coordinator respectively.  |                 |                 |                  |           |
| Q3  |                 |                 |                  |           |
| Q4  |                 |                 |                  |           |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |                 |   |                  |           |
|--|-----------------|---|------------------|-----------|
| Task #   | ProjectName     | ProjectType                                       | Purpose          | Pollutant |
| 3.8  | Lyman Lake      | Alternative Approach;<br>Effectiveness Monitoring | Data Summary     | Hg        |
| Milestone: 1) Complete data summary (11/20/15)   |                 |   |                  |           |
| Q1   |                 |   |                  |           |
| Q2 Off target; resources were shifted toward focusing additional effort toward the narrative nutrient summary work, coordinating with stakeholders in the Granite Creek watershed on the Granite Creek WIP update, and data entry/QC efforts for the 2016 assessment.  |                 |   |                  |           |
| Q3   |                 |   |                  |           |
| Q4 No change from Q2.  |                 |   |                  |           |
| 3.8  | Rainbow Lake    | Alternative Approach                              | Plan Development | Nutrients |
| Milestone: 1) Complete sampling by 9/30/15)  |                 |   |                  |           |
| 2) Coordinate planning activities with watershed stakeholders (10/31/15)   |                 |   |                  |           |
| Q1 On target- Monsoon sampling was completed in September. Volunteers collected two sets of watershed samples (8/12 and 9/1/15). ADEQ sampled lake in July and August.   |                 |   |                  |           |
| Q2 On target- ADEQ will develop lake and stream data summary report by Spring 2016 and share with group prior to first watershed meeting. ADEQ committed to reviewing current watershed plans to determine what elements are missing from them and how to develop one complete plan. Watershed sampling will resume in Q4 along with an additional lake sampling event   |                 |   |                  |           |
| Q3   |                 |   |                  |           |
| Q4 Final lake sampling event completed. Volunteers trained to collect stormwater samples from 12 sites in the watershed identified by stakeholders. Sampling expected to be completed in FY'17 monsoon period.   |                 |   |                  |           |
| 3.8  | Davidson Canyon | Alternative Approach                              | Data Summary     | metals    |
| Milestone: 1) Complete baseline sampling (6/30/15)   |                 |   |                  |           |
| Q1   |                 |   |                  |           |
| Q2 Draft Intergovernmental Agreement (IGA) between ADEQ and Pima County was drafted to allow ADEQ to install automated equipment in the Cienga Creek Preserve. The equipment will collect stormwater samples in the OAW reach of Davidson Canyon. Additional sampling points in the upper watershed are located on State Land and a permit allowing sampling activities has been secured. Installation of equipment will occur once the IGA is signed. |                 |   |                  |           |
| Q3   |                 |   |                  |           |
| Q4 The IGA has been signed by ADEQ and Pima County Board of Supervisors (hard copy not yet delivered to ADEQ). First flush samplers have been installed in upper Davidson Canyon with autosamplers in mid and lower watershed to be deployed in Q1 FY17.   |                 |   |                  |           |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |  |                    |                 |                            |
|--|--|--------------------|-----------------|----------------------------|
| Task #   | ProjectName                                | ProjectType        | Purpose         | Pollutant                  |
| 3.8  | Watson Lake TMDL                           | Traditional TMDL   | Plan Completion | Nutrients, high pH, low DO |
| Milestone: 1) Submit to EPA for approval (8/30/15)   |  |                    |                 |                            |
| Q1   |  |                    |                 |                            |
| Q2 Watson Lake TMDL appealed by City of Prescott June 2015. ADEQ and City met and drafted settlement language agreeing to finalize the TMDL and revisit the model with additional data in 3 - 5 years time. Language went before City council late Q1 for approval; council deferred approval to allow for additional time for stakeholders to review and comment. Settlement language was finalized in Q2; final TMDL submitted to EPA. |  |                    |                 |                            |
| Q3   |  |                    |                 |                            |
| Q4 EPA approval received 5/10/16   |  |                    |                 |                            |
| 3.9  | WQIG #14-002: San Francisco River Restroom | NPS Implementation | WQIG            | E. coli                    |
| Milestone: 1) Site visits conducted quarterly<br>Completed 12/31/15  |  |                    |                 |                            |
| Q1   |  |                    |                 |                            |
| Q2 Samples collected on 9/10/2015 during site visit (4 sites). The San Francisco Restroom was successfully installed at the "End of the Road" in Clifton, Az at the end of December 2015. Vegetation was planted around the perimeter of the restroom as well as permanent trash cans for recreational users. A final site visit is scheduled for February 9, 2016.  |  |                    |                 |                            |
| Q3   |  |                    |                 |                            |
| Q4 A final site visit was completed February 9 by WPU staff. Water quality monitoring will continue above and below this project by ADEQ and or Gila Watershed Partnership/U of A.   |  |                    |                 |                            |
| 3.8  | Granite Creek TMDL                         | Traditional TMDL   | Plan Completion | E. coli                    |
| Milestone: 1) AAR Notice begins (7/15/15)<br>2) Submit to EPA (9/18/15)  |  |                    |                 |                            |
| Q1   |  |                    |                 |                            |
| Q2 Final TMDL submitted to EPA.  |  |                    |                 |                            |
| Q3   |  |                    |                 |                            |
| Q4 EPA approval received 5/10/16   |  |                    |                 |                            |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |  |                    |         |           |
|--|--|--------------------|---------|-----------|
| Task #   | ProjectName  | ProjectType        | Purpose | Pollutant |
| 3.9  | WQIG #15-002: Three Brothers Ranch                     | NPS Implementation | WQIG    | E. coli   |
| Milestone: 1) Site visits conducted quarterly<br>Will be completed September 30, 2016.   |  |                    |         |           |
| Q1   |  |                    |         |           |
| Q2 Three Brothers received State Land approval to install a fence line. A arch monitor will be present due to the presence of native american artifacts per AZ State Museum and SHPO guidelines. Spike 20 spray was completed last quarter on September 2, 2015 to 627 acres in Sierra Vista.  |  |                    |         |           |
| Q3   |  |                    |         |           |
| Q4 SHPO clearance was reveived to clean out 2 dirt tanks. Ariel application of herbicide was completed in September 2016. Prison crews cleared brush from the planned fence line. However, as of August 10, 2016, BLM has deined the fence installation due to a NEPA protest. We are in the process of determining if there are other BMPs that can be applied to the dirt tanks.       |  |                    |         |           |
| 3.9  | WQIG #15-003: Stamp Springs Protection and Restoration | NPS Implementation | WQIG    | Sediment  |
| Milestone: 1) Site visits conducted quarterly<br>Project was cancelled.  |  |                    |         |           |
| Q1   |  |                    |         |           |
| Q2 This project was cancelled April 30, 2015 because the private property owner revoked permission to install a fence around Stamp Springs to provide protection from cattle and wildlife.   |  |                    |         |           |
| Q3   |  |                    |         |           |
| Q4 Project cancelled.  |  |                    |         |           |
| 3.9  | WQIG #15-004: Settlers Rest Stormwater Project         | NPS Implementation | WQIG    | E. coli   |
| Milestone: 1) Site visits conducted quarterly<br>Completed   |  |                    |         |           |
| Q1   |  |                    |         |           |
| Q2 BMP installation continues on the approved private and horse property site in Sedona. Zuni bowls, water cisterns, and other step down water slowing BMPs are coming to shape. A pet waste station and interpretive signs were being designed and implemented. Water quality sampling continues. The final report is due the end of February 2016.                                     |  |                    |         |           |
| Q3   |  |                    |         |           |
| Q4 Completed project on January 31, 2016. A water cistern, step down pools and Zuni bowls, pet waste station, and informative kiosks were installed in the Settlers Rest neighborhood. These BMPs will slow down water and settle out sediment that would otherwise end up in Oak Creek. Multiple workshops and tours of the BMPs and "how to videos" where attended by Sedona citizens. |  |                    |         |           |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |   |  |                    |           |
|--|---|--|--------------------|-----------|
| Task #   | ProjectName   | ProjectType                              | Purpose            | Pollutant |
| 3.9  | WQIG #15-005: Upper LCR Water Quality Improvement Project | NPS Implementation                       | WQIG               | Sediment  |
| Milestone: 1) Site visits conducted quarterly<br>Will be completed on November 30, 2016.   |   |  |                    |           |
| Q1   |   |  |                    |           |
| Q2 Commuication between NRCS engineers and the hired contractor(Natural Channel Design) to develop and approve three project engineering designs (Maddock, Rogers, Moore). No on-the-ground work began during this quarter.  |   |  |                    |           |
| Q3   |   |  |                    |           |
| Q4 Sediment stabilization work has begun or is completed on all 5 landowners involved in this project. The contractor, Apache NRCD staff, and the ADEQ hydrologist have been present to oversee construction and removal of dirt or bank sloping BMPs. Before and after monitoring of the BMPs is documented.  |   |  |                    |           |
| 3.9  | LCR Effectiveness Monitoring and BMP Evaluations          | Effectiveness Monitoring; BMP Evaluation | WQIG; NWQI; WQD PM | Sediment  |
| Milestone: Q4 covers Q2 to the end of the FY 16.   |   |  |                    |           |
| Q1   |   |  |                    |           |
| Q2 Two effectiveness monitoring sampling trips completed 9/16-17/2015 and 10/26-27/2015 (6 sites each). SSC, TSS samples and field parameters collected. Data in WQDB. Some exceedances of SSC A&Wc standard on both trips.  |   |  |                    |           |
| Q3   |   |  |                    |           |
| Q4 Three effectiveness monitoring sampling trips completed during the first three quarters of FY16 (6 sites each). SSC, TSS samples and field parameters collected. Data in WQDB. Some exceedances of SSC A&Wc standard on both trips. Baseline BMP evaluations were conducted on all six active grant projects in the targeted watershed. An additional post-construction evaluation was conducted on a former grant project as well. |   |  |                    |           |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9   |  |  |                    |           |
|---|--|--|--------------------|-----------|
| Task #  | ProjectName  | ProjectType                              | Purpose            | Pollutant |
| 3.9   | San Pedro Effectiveness Monitoring and BMP Evaluations     | Effectiveness Monitoring; BMP Evaluation | WQIG; NWQI; WQD PM | E. coli   |
| Milestone: Q4 covers Q2 to the end of the FY 16.  |  |  |                    |           |
| Q1  |  |  |                    |           |
| Q2 A total of 10 BMP implementations have been targeted for effectiveness monitoring and evaluation in the San Pedro watershed for FY16. As of the close of Q2, 4 have been evaluated (2 WQIG and 2 NWQI). Beyond strict evaluations, effort has been focused on establishing communication, trust, and rapport with all landowners/grantees in this watershed. This resulted in an increase in grant applications from this watershed for WQIG Cycle 18, which included new applicants to the program that were identified through NWQI.   |  |  |                    |           |
| Q3  |  |  |                    |           |
| Q4 A total of 10 BMP implementations were targeted for effectiveness monitoring and evaluation in the San Pedro watershed for FY16. By the end of FY16, six of these had been evaluated (4 WQIG and 2 NWQI); BMP evaluations of 3 projects were postponed due to permitting and construction delays. Effectiveness data were collected 6 times during base- and stormflows along the river at sites above and below BMPs. SSC data were collected from 5 paired ephemeral drainages below BMP treatments and untreated areas on a monthly basis during the monsoon season. Beyond quantitative BMP evaluations and effectiveness monitoring, efforts have focused on improving communication, cultivating trust and rapport with all landowners/grantees in this watershed. This resulted in an increase in grant applications from this watershed for WQIG Cycle 18, which included new applicants to the program that were identified through NWQI. |  |  |                    |           |
| 3.9   | Granite Creek Effectiveness Monitoring and BMP Evaluations | Effectiveness Monitoring; BMP Evaluation | WQIG; WQD PM       | E. coli   |
| Milestone: 1) Finalize SAP  |  |  |                    |           |
| Q4 covers Q2 to the end of the FY 16.   |  |  |                    |           |
| Q1  |  |  |                    |           |
| Q2 SAP finalized on 11/13/2015. Volunteer monitoring training on 12/1/2015. Effectiveness monitoring samples collected by volunteers on 12/16/2015.   |  |  |                    |           |
| Q3  |  |  |                    |           |
| Q4 SAP finalized on 11/13/2015. Volunteer monitoring training on 12/1/2015. Effectiveness monitoring samples collected by volunteers on 12/16/2015. The exact number volunteers and samples collected will be updated during the next quarter.  |  |  |                    |           |

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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |                        |                          |                 |                   |
|--|------------------------|--------------------------|-----------------|-------------------|
| Task #   | ProjectName            | ProjectType              | Purpose         | Pollutant         |
| 3.9  | Other MTL waters (TBD) | Effectiveness Monitoring | WQD PM          |                   |
| Milestone: TBD   |                        |                          |                 |                   |
| Q1   |                        |                          |                 |                   |
| Q2 Boulder Creek- collected additional round of samples in November. Data summary will be drafted in Q3<br>Pinto Creek - Data summary shared with stakeholders during Q1. SP-12 report completed during Q2. Collecting additional samples to capture winter storms and snowmelt data.                            |                        |                          |                 |                   |
| Q3   |                        |                          |                 |                   |
| Q4 Boulder Creek- data summary drafted and shared with BLM and EPA. Northern Arizona University (NAU) in under contract to conduct effectiveness monitoring for BLM. To date NAU has only been collecting total metals and soil data. ADEQ is coordinating with NAU to collect additional dissolved metals data. |                        |                          |                 |                   |
| 3.8  | Pinto Creek TMDL       | Traditional TMDL         | Plan Completion | Dissolved Cu      |
| Milestone: 1)AAR Notice begins (8/7/15)<br>2)Submit to EPA (10/12/15)  |                        |                          |                 |                   |
| Q1   |                        |                          |                 |                   |
| Q2 Off schedule due to the need to re-issue the Triennial Review package for public notice. Pending no substantive comments on the revised Cu standard, final Pinto TMDL will be released for public comment in FY17 Q1 once GRCC hearing has been completed.  |                        |                          |                 |                   |
| Q3   |                        |                          |                 |                   |
| Q4 The TR is expected to be approved by GRCC in early Q1 FY17. The draft Pinto Creek TMDL is still scheduled to be released for public comment in Q1 FY17.   |                        |                          |                 |                   |
| 3.8  | Middle Gila TMDLs      | Traditional TMDL         | Plan Completion | Total B, Total Se |
| Milestone: 1) AAR Notice begins (8/7/15)<br>2)Submit to EPA (10/12/15)   |                        |                          |                 |                   |
| Q1   |                        |                          |                 |                   |
| Q2 Final TMDLs submitted to EPA.   |                        |                          |                 |                   |
| Q3   |                        |                          |                 |                   |
| Q4 n/a   |                        |                          |                 |                   |

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9  |   |                     |                 |                        |
|--|---|---------------------|-----------------|------------------------|
| Task #   | ProjectName   | ProjectType         | Purpose         | Pollutant              |
| 3.8  | Queen Creek TMDL  | Traditional TMDL    | Plan Completion | Dissolved Cu, total Pb |
| Milestone: 1)Public comment period begins (8/3/15)<br>2)AAR Notice begins (11/6/15)<br>3)Submit to EPA (1/18/16)   |   |                     |                 |                        |
| Q1 Data review.  |   |                     |                 |                        |
| Q2 Continued data review and TMDL calculation.   |   |                     |                 |                        |
| Q3   |   |                     |                 |                        |
| Q4 A review of total hardness data used in the calculation of the existing loading of dissolved copper by storm type in the modeling basins revealed that portions of the data were invalid due to the method used to determine the sample site results. There was also data uncovered that had not been provided to the modeling team even though it was valid. The data was not released because it had not been approved by ADEQ, even though in most cases it should have been approved. Once the data had been evaluated, several tables within the modeling report needed updating. With the data issues resolved and information regarding the two potential point sources in the project watershed identified, the draft of the Queen Creek TMDL should be completed by August 31, 2016. |   |                     |                 |                        |
| 3.9  | Hillside Mine Lower Tailings Pile Reclamation Project (tentative) | NPS Implementation; | WQIG            | As, Cu, Zn             |
| Milestone: TBD   |   |                     |                 |                        |
| Q1   |   |                     |                 |                        |
| Q2 Ongoing coordination with State Land, State Risk, and AECOM (contractor). AECOM is moving forward with cultural and resource surveys and with securing 404 permitting. Construction is estimated to begin summer of 2016 based on update timelines submitted to ADEQ by AECOM in Q2.  |   |                     |                 |                        |
| Q3   |   |                     |                 |                        |
| Q4 NPS funding extended to allow for continued support for this project. ASLD is finalizing an access agreement with the private landowner to allow for road construction and long term maintenance. ADEQ engineering staff will review and comments on the contractors cap design by mid July 2017. Contractor working with Army Corps to finalize 404 permitting; meeting planned for July 2017.   |   |                     |                 |                        |



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## TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.8 and 3.9   |                              |  |                            |           |
|---|------------------------------|--|----------------------------|-----------|
| Task #  | ProjectName                  | ProjectType                                  | Purpose                    | Pollutant |
| 3.9   | U of A Technical Support ISA | WQIP (combined);<br>Effectiveness Monitoring | WQIG; Plan<br>Development; |           |
| Milestone: Conduct volunteer monitoring training in Santa Cruz and San Pedro watersheds.  |                              |  |                            |           |
| Q1  |                              |  |                            |           |
| Q2 Volunteer monitoring training completed, volunteers have been able to collect limited samples due to a lack of weather events to cause water flow in the monitored tributaries. U of A has continued to be active with volunteer monitoring team to ensure they have the necessary equipment when rain events occur. |                              |  |                            |           |
| Q3  |                              |  |                            |           |
| Q4 Same as Q2   |                              |  |                            |           |

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Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

### 4.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target | Actual | Responsible Section |
|---|--------|--------|---------------------|
| 1 Report number of Drinking water sanitary surveys conducted, prioritized by date of last survey.   |        |        |                     |
| a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.   | 6      | 6      | Compliance SRO      |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.   | 13     | 11     | Compliance PHX      |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status According to the most current sanitary survey information in SDWIS, only 11 surface water systems were due for inspection during FY16.  |        |        |                     |
| b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.  | 41     | 39     | Compliance SRO      |
| Q1 Status   |        |        |                     |
| Q2 Status   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status ADEQ lost two of their most-senior drinking water inspectors in FY16 and hired a new inspector who had to be trained in ADEQ's inspection procedures. Additionally, ADEQ hired a contractor in June to help with the remaining inspections. |        |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Continued

### 4.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual | Responsible Section |
|--|--|--------|---------------------|
| b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle. | 130  | 109    | Compliance<br>PHX   |
| Q1 Status  |  |        |                     |
| Q2 Status  | ADEQ has lost two of their most-senior drinking water inspectors. ADEQ has hired an additional inspector who is coming up to speed and is in the process of hiring two additional inspectors. ADEQ is shifting priorities and work loads to meet their inspection goals. |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  | ADEQ lost two of their most-senior drinking water inspectors in FY16 and hired a new inspector who had to be trained in ADEQ's inspection procedures. Additionally, ADEQ hired a contractor in June to help with the remaining inspections.                              |        |                     |
| c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.  | 44   | 52     | Compliance<br>SRO   |
| Q1 Status  |  |        |                     |
| Q2 Status  |  |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  |  |        |                     |
| c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.  | 149  | 163    | Compliance<br>PHX   |
| Q1 Status  |  |        |                     |
| Q2 Status  | ADEQ has lost two of their most-senior drinking water inspectors. ADEQ has hired an additional inspector who is coming up to speed and is in the process of hiring two additional inspectors. ADEQ is shifting priorities and work loads to meet their inspection goals. |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  |  |        |                     |
| d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.   | 0  | 0      | Compliance<br>SRO   |
| Q1 Status  |  |        |                     |
| Q2 Status  | There no planned inspections of Outstanding Performers due for FY16.   |        |                     |
| Q3 Status  |  |        |                     |
| Q4 Status  | There were no Outstanding Performers due for a sanitary survey in FY16   |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Continued

### 4.1 DELIVERABLES

| OUTPUT DESCRIPTION  | Target      | Actual    | Responsible Section   |
|---|-------------|-----------|---|
| d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.        | 0           | 0         | Compliance<br>PHX   |
| Q1 Status   |             |           |   |
| Q2 Status   |             |           | There no planned inspections of Outstanding Peformers due for FY16.     |
| Q3 Status   |             |           |   |
| Q4 Status   |             |           | There were no Outstanding Performers due for a sanitary survey in FY16. |
| e Populate SDWIS sanitary survey fields   | 6/30/2016   | 7/25/2016 | Compliance  |
| Q1 Status   |             |           |   |
| Q2 Status   |             |           |   |
| Q3 Status   |             |           |   |
| Q4 Status   |             |           |   |
| 2 Report the total number of complaints investigated related to drinking water.                 | Quarterly   | 38        | Compliance  |
| Q1 Status   |             |           |   |
| Q2 Status   |             |           |   |
| Q3 Status   |             |           |   |
| Q4 Status   |             |           |   |
| 3 Report the total number of complaints/non-routine drinking water inspections.                 | Quarterly   | 11        | Compliance  |
| Q1 Status   |             |           |   |
| Q2 Status   |             |           |   |
| Q3 Status   |             |           |   |
| Q4 Status   |             |           |   |
| 4 Report the total number of informal Drinking Water Enforcement Actions.                       |             |           |   |
| a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued | Semi-Annual | 143       | Compliance  |
| Q1 Status   |             |           |   |
| Q2 Status   |             |           |   |
| Q3 Status   |             |           |   |
| Q4 Status   |             |           |   |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Continued

### 4.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target  | Actual | Responsible Section |
|--|---|--------|---------------------|
| b. Number of NOC/NOV Closures  | Semi-Annual   | 144    | Compliance          |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |
| 5 Report the total number of formal Drinking Water Enforcement Actions.                              |   |        |                     |
| a. Number of Administrative Orders issued.   | Semi-Annual   | 9      | Compliance          |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |
| b. Number of Administrative Orders terminated  | Semi-Annual   | 6      | Compliance          |
| Q1 Status  |   |        |                     |
| Q2 Status  |   |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  |   |        |                     |
| 6 Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.                    |   |        |                     |
| a. Based on the ERP report generated, address all public water systems with a score of 11 or higher. | Report Quarterly  |        | Compliance          |
| Q1 Status  | Received the first quarter ETT list on 10/22/15/. ADEQ provided the response on December 2, 2015.   |        |                     |
| Q2 Status  | ADEQ received the second quarter ETT list on January 25, 2015. The response is due to EPA by February 12, 2016. The list had 49 facilities over a score of 11. However, 14 of those facilities are able to be removed to the list by either soxing the violations or linking the violations to an enforcement action. |        |                     |
| Q3 Status  |   |        |                     |
| Q4 Status  | ADEQ reccieved the 3rd quarter ETT list on April 25, 2016. ADEQ and EPA held a conference call on June 22, 2016 to discuss the systems and ADEQ's actions for the systems on the list.  |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Continued

### 4.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section |
|--|-----------|--------|---------------------|
| b. During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher. | Quarterly |        | Compliance          |
| Q1 Status ETT discussion was held during the data verification audit.  |           |        |                     |
| Q2 Status The second quarterly meeting will be schedule by the EPA after receiving the annotated ETT list.   |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status ADEQ met with EPA on June 22, 2016 to disucss the April 2016 ETT list  |           |        |                     |
| 7 Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions  | Monthly   |        | Compliance          |
| Q1 Status  |           |        |                     |
| Q2 Status ADEQ continues to attend monthly meeting to update the Drinking Water Section on drinking water sanitary surveys and enforcement actions.  |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status ADEQ met with EPA on May 5 and June 9, 2016 to disucss the systems on the arsenic list.  |           |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.1 Drinking Water Compliance and Enforcement

Continued

| 4.1 FTE Funding Source | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-APP PPG [Match]   | 0.48  | 24,193    | 10,645  | 15,587   |        | 50,425    |
| WQFF-APP               | 1.38  | 78,816    | 34,679  | 50,778   |        | 164,273   |
| Wellhead               | 0.57  | 25,829    | 11,365  | 16,640   |        | 53,834    |
| SDW (VEI)              | 3.41  | 177,958   | 78,302  | 114,651  |        | 370,911   |
| PPG                    | 3.20  | 134,428   | 59,148  | 86,606   |        | 280,182   |
| DWSRF 10%              | 1.49  | 72,981    | 32,112  | 47,018   |        | 152,111   |
| TOTALS                 | 10.53 | 514,205   | 226,251 | 331,280  |        | 1,071,736 |

### End of Year Summary

The total target number for sanitary surveys for FY16 was 383. ADEQ completed 380 sanitary surveys. The remaining surveys that were scheduled for FY16 but not completed will be done in the first round of inspections in FY17. All systems due for a sanitary survey in calendar year 2016 will be completed by December 31, 2016.

ADEQ continues to work to address all systems that have a score above 11 on the quarterly ETT list. Data lag continues to be an issue for determining whether a system is out of compliance. There were 58 systems with a score of 11 or greater on the July 2015 ETT list. As of the July 2016 list, 31 of those systems had a score of 11 or less and another 6 systems have effective orders and ADEQ expects them to drop below 11 on future ETT lists.

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

### 4.2 DELIVERABLES

| OUTPUT DESCRIPTION  | Target   | Actual | Responsible Section |
|---|--|--------|---------------------|
| 1 Report number of inspections of facilities possessing the following permit types according to risk-based inspection criteria. |  |        |                     |
| a. Individual APP; General APP/GQPP/NOD   | 32 (including Reuse Inspections)   | n/a    | Compliance SRO      |
| Q1 Status   |  |        |                     |
| Q2 Status   |  |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   |  |        |                     |
| a. Individual APP; General APP/GQPP/NOD   | 89 (including Reuse Inspections)   | 90     | Compliance PHX      |
| Q1 Status   |  |        |                     |
| Q2 Status   | The Phoenix office has lost their senior wastewater inspectors. They are working to cross-train staff and shift workloads to meet their inspections goals. |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   |  |        |                     |
| b. Reuse  | See above.   | n/a    | Compliance SRO      |
| Q1 Status   |  |        |                     |
| Q2 Status   |  |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   |  |        |                     |
| b. Reuse  | See above  | 26     | Compliance PHX      |
| Q1 Status   |  |        |                     |
| Q2 Status   |  |        |                     |
| Q3 Status   |  |        |                     |
| Q4 Status   |  |        |                     |



# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.2 Groundwater Compliance and Enforcement

Continued

### 4.2 DELIVERABLES

| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section |
|--|-------------|--------|---------------------|
| 2 Report total number of Informal Groundwater Enforcement Actions                                |             |        |                     |
| a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued. | Semi-Annual | 16     | Compliance<br>PHX   |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| b. Number of NOC/NOV Closures issued   | Semi-Annual | 33     | Compliance<br>PHX   |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| 3 Report total number of Formal Groundwater Enforcement Actions.                                 |             |        |                     |
| a. Number of Administrative Orders issued.   | Semi-Annual | 3      | Compliance<br>PHX   |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |
| b. Number of Administrative Orders terminated  | Semi-Annual | 5      | Compliance<br>PHX   |
| Q1 Status  |             |        |                     |
| Q2 Status  |             |        |                     |
| Q3 Status  |             |        |                     |
| Q4 Status  |             |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

## TASK 4.2 Groundwater Compliance and Enforcement

Continued

| 4.2 FTE Funding Source         | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|--------------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-APP PPG [Match]           | 0.41  | 19,123    | 8,414   | 12,320   |        | 39,857    |
| WQFF-APP DWSRF Federal [Match] | 1.22  | 48,303    | 21,253  | 31,120   |        | 100,676   |
| WQFF-APP                       | 5.03  | 266,077   | 117,074 | 171,421  |        | 554,572   |
| Wellhead                       | 2.11  | 116,351   | 51,194  | 74,960   |        | 242,505   |
| PPG                            | 2.80  | 119,182   | 52,440  | 76,784   |        | 248,406   |
| DWSRF 10%                      | 1.24  | 58,228    | 25,620  | 37,514   |        | 121,362   |
| TOTALS                         | 12.81 | 627,264   | 275,995 | 404,119  |        | 1,307,378 |

### End of Year Summary

4.2.1. At mid-year, the SRO Compliance Unit was incorporated into the Water Quality Compliance Section (WQCS). Therefore, the SRO numbers will not be reported separately for the remainder of the fiscal year. The total number of inspections to be completed was 121. The WQCS missed the commitment by 16 inspections. The WQCS was experiencing a short-fall of inspections due to staff turn-over and chose to prioritize drinking water inspections due to their higher risk to human health. The Water Quality Division recently reorganized their sections into value streams to avoid these types of issues in the future.

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004).

Pretreatment audits and inspections shall be performed in accordance with "Pretreatment Compliance Inspection and Audit Manual for Approval Authorities" (EPA 833/B-86-100, July 1986)

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State's SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

Enter discharge monitoring report data into ICIS for major and minor facilities in accordance with EPA WENDB requirements within 20 days of receipt.

Enter permit and facility inspection and enforcement action information into ICIS in accordance with EPA WENDB requirements within 30 days of receipt: a. Permit and facility data (majors and minors); b. Inspection data (majors/minors); c. Enforcement Action (majors/minors)

## 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual                    | Responsible Section |
|--|--|---------------------------|---------------------|
| 1 AZPDES inspections:  |  |                           |                     |
| a. Perform scheduled compliance inspections of all major facilities that are operational every other year. | 5  | n/a                       | Compliance SRO      |
| Q1 Status  |  |                           |                     |
| Q2 Status  |  |                           |                     |
| Q3 Status  |  |                           |                     |
| Q4 Status  |  |                           |                     |
| a. Perform scheduled compliance inspections of all major facilities that are operational every other year. | 30 (35 overall)  | 33 (combined SRO and PHX) | Compliance PHX      |
| Q1 Status  |  |                           |                     |
| Q2 Status  | The Phoenix office has lost several of their senior wastewater inspectors. ADEQ is training new staff and is working to shift work loads to meet inspection numbers. |                           |                     |
| Q3 Status  |  |                           |                     |
| Q4 Status  |  |                           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target  | Actual                    | Responsible Section |
|---|---|---------------------------|---------------------|
| b. Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term. | 16 (18 overall)   | 27 (combined SRO and PHX) | Compliance PHX      |
| Q1 Status   |   |                           |                     |
| Q2 Status   |   |                           |                     |
| Q3 Status   |   |                           |                     |
| Q4 Status   |   |                           |                     |
| b. Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term. | 2   | n/a                       | Compliance SRO      |
| Q1 Status   |   |                           |                     |
| Q2 Status   | The SRO has completed their inspections of minor AZPDES facilities for FY16.  |                           |                     |
| Q3 Status   |   |                           |                     |
| Q4 Status   |   |                           |                     |
| c. ADEQ will continue negotiations toward a risk-based approach for inspection to EPA.                            | 6/30/2016   |                           | Compliance PHX      |
| Q1 Status   | Awaiting completion of ICIS Project   |                           |                     |
| Q2 Status   | ADEQ is using a risk-based approach to target inspections of minor facility. ADEQ would like to reduce the frequency of inspections of major facilities, but has been unable to do so due to problems with their ICIS upload. ADEQ completed the ICIS-upload and is working to resolve any remaining data errors. Once these data errors are resolved, ADEQ will resume negotiations for an alternate compliance monitoring schedule. |                           |                     |
| Q3 Status   |   |                           |                     |
| Q4 Status   |   |                           |                     |
| 2 Conduct inspections of stormwater facilities subject to general permitting requirements                         |   |                           |                     |
| a. Industrial   | 13  | n/a                       | Compliance SRO      |
| Q1 Status   |   |                           |                     |
| Q2 Status   |   |                           |                     |
| Q3 Status   |   |                           |                     |
| Q4 Status   |   |                           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target          | Actual                    | Responsible Section |
|--|-----------------|---------------------------|---------------------|
| a. Industrial  | 37 (50 overall) | 46 (combined SRO and PHX) | Compliance PHX      |
| Q1 Status  |                 |                           |                     |
| Q2 Status  |                 |                           |                     |
| Q3 Status  |                 |                           |                     |
| Q4 Status  |                 |                           |                     |
| b.i. Phase 1 (facilities larger than 5 acres)  | 8               | n/a                       | Compliance SRO      |
| Q1 Status  |                 |                           |                     |
| Q2 Status SRO has completed their inspections of large CGP facilities.   |                 |                           |                     |
| Q3 Status  |                 |                           |                     |
| Q4 Status  |                 |                           |                     |
| b.i. Phase 1 (facilities larger than 5 acres)  | 22 (30 overall) | 27 (combined SRO and PHX) | Compliance PHX      |
| Q1 Status  |                 |                           |                     |
| Q2 Status  |                 |                           |                     |
| Q3 Status  |                 |                           |                     |
| Q4 Status  |                 |                           |                     |
| b.ii. Phase 2 (facilities between 1-5 acres)<br>*Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections. | 6/30/2016       | n/a                       | Compliance SRO      |
| Q1 Status  |                 |                           |                     |
| Q2 Status  |                 |                           |                     |
| Q3 Status  |                 |                           |                     |
| Q4 Status  |                 |                           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual                   | Responsible Section |
|--|-----------|--------------------------|---------------------|
| b.ii. Phase 2 (facilities between 1-5 acres)<br>*Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections. | 6/30/2016 | 9 (combined SRP and PHX) | Compliance PHX      |
| Q1 Status  |           |                          |                     |
| Q2 Status  |           |                          |                     |
| Q3 Status  |           |                          |                     |
| Q4 Status  |           |                          |                     |
| 3 Perform compliance inspections of CAFO/AFO facilities (permitted and unpermitted).   |           |                          |                     |
| a. Inspect all AZPDES permitted CAFOs on a five-year cycle.  | 6/30/2016 | 0                        | Compliance PHX      |
| Q1 Status  |           |                          |                     |
| Q2 Status ADEQ does not have any planned inspections of AZPDES-permitted CAFOs this FY.  |           |                          |                     |
| Q3 Status  |           |                          |                     |
| Q4 Status  |           |                          |                     |
| b. Inspect unpermitted CAFOs, as needed  | 6/30/2016 | 2                        | Compliance PHX      |
| Q1 Status  |           |                          |                     |
| Q2 Status ADEQ completed a complaint inspection of a unpermitted CAFO. The CAFO does not discharge under the AZPDES program, but is regulated under the state groundwater program.                                 |           |                          |                     |
| Q3 Status  |           |                          |                     |
| Q4 Status  |           |                          |                     |
| 4 Biosolids Inspections  |           |                          |                     |
| a. Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).  | 5         | 3                        | Compliance PHX      |
| Q1 Status  |           |                          |                     |
| Q2 Status ADEQ is behind schedule with biosolids inspections. ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.                 |           |                          |                     |
| Q3 Status  |           |                          |                     |
| Q4 Status  |           |                          |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target | Actual | Responsible Section |
|---|--------|--------|---------------------|
| b. Large commercial applications annually.  | 4      | 2      | Compliance<br>PHX   |
| Q1 Status   |        |        |                     |
| Q2 Status ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.              |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| c. Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.                        | 2      | 1      | Compliance<br>PHX   |
| Q1 Status   |        |        |                     |
| Q2 Status ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.              |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| 5 Review annual reports submitted under biosolids rule.   | 28     | 31     | Compliance<br>PHX   |
| Q1 Status   |        |        |                     |
| Q2 Status Biosolids annual reports were not due until February.   |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |
| 6 Manage the pretreatment program.  |        |        |                     |
| a. Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found. | 20     | 20     | Compliance<br>PHX   |
| Q1 Status   |        |        |                     |
| Q2 Status Pretreatment reports are not due until February.  |        |        |                     |
| Q3 Status   |        |        |                     |
| Q4 Status   |        |        |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target  | Actual | Responsible Section |
|---|---|--------|---------------------|
| b. Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements. | 4   | 4      | Compliance<br>PHX   |
| Q1 Status   |   |        |                     |
| Q2 Status   | Completed PCAs of Avondale, Casa Grande, Mesa and Phoenix. All PCAs are complete for FY16.  |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |
| c. Conduct pretreatment compliance inspections (PCIs) for approved pretreatment programs. A PCI shall not be conducted in the same year as a pretreatment audit.  | 8   | 9      | Compliance<br>PHX   |
| Q1 Status   |   |        |                     |
| Q2 Status   | Completed PCIs of Queen Creek, Scottsdale, and Yuma. The remaining PCIs will be Glendale, Goodyear, Kingman, Nogales, and Prescott.   |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |
| d. Perform an inspection at each POTW with an SIU-oversight only pretreatment program. The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.   | Once in 5 years   | 3      | Compliance<br>PHX   |
| Q1 Status   |   |        |                     |
| Q2 Status   |   |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |
| 7 Report the total number of sanitary sewers inspected.   | 6   | 0      | Compliance<br>PHX   |
| Q1 Status   |   |        |                     |
| Q2 Status   | The inspector that had been assigned to develop and implement the sanitary sewer inspection program has left the agency. ADEQ is looking for other alternate resources to meet this work plan goal. |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |



# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION | Target | Actual | Responsible Section |
|--------------------|--------|--------|---------------------|
|--------------------|--------|--------|---------------------|

|  |  |  |  |
|--|--|--|--|
| 8 Report total number of complaints relating to Clean Water Act. |  |  |  |
|--|--|--|--|

|                           |           |    |                   |
|---------------------------|-----------|----|-------------------|
| a. Complainants received. | 6/30/2016 | 15 | Compliance<br>PHX |
|---------------------------|-----------|----|-------------------|

Q1 Status

Q2 Status

Q3 Status

Q4 Status

|   |           |    |                   |
|---|-----------|----|-------------------|
| b. Number of complaint/non-routine surface water inspections. | 6/30/2016 | 30 | Compliance<br>PHX |
|---|-----------|----|-------------------|

Q1 Status

Q2 Status

Q3 Status

Q4 Status

|  |  |  |  |
|--|--|--|--|
| 9 Report a list of informal enforcement actions issued and closed for any data not reported to ICIS: |  |  |  |
|--|--|--|--|

|                        |           |   |                   |
|------------------------|-----------|---|-------------------|
| a. MSGP Issued; Closed | Quarterly | 6 | Compliance<br>PHX |
|------------------------|-----------|---|-------------------|

Q1 Status Provided list of actions to Susanne Perkins on 10/15/2015.

Q2 Status Closed 2 of the informal notices.

Q3 Status

Q4 Status

|                       |           |    |                   |
|-----------------------|-----------|----|-------------------|
| b. CGP Issued; Closed | Quarterly | 14 | Compliance<br>PHX |
|-----------------------|-----------|----|-------------------|

Q1 Status

Q2 Status Closed 6 of the informal notices.

Q3 Status

Q4 Status

|                            |           |   |                   |
|----------------------------|-----------|---|-------------------|
| c. Biosolids Issued;Closed | Quarterly | 0 | Compliance<br>PHX |
|----------------------------|-----------|---|-------------------|

Q1 Status

Q2 Status

Q3 Status

Q4 Status

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual    | Responsible Section |
|--|-----------|-----------|---------------------|
| d CAFO<br>Issued; Closed   | Quarterly | 1         | Compliance<br>PHX   |
| Q1 Status  |           |           |                     |
| Q2 Status  |           |           |                     |
| Q3 Status  |           |           |                     |
| Q4 Status  |           |           |                     |
| 10 Report a list of formal enforcement actions for any data<br>not reported to ICIS.                                     |           |           |                     |
| a. Administrative orders issued  | Quarterly | 0         | Compliance<br>PHX   |
| Q1 Status Provided list of actions to Susanne Perkins on 10/15/15.   |           |           |                     |
| Q2 Status  |           |           |                     |
| Q3 Status  |           |           |                     |
| Q4 Status  |           |           |                     |
| b. Administrative orders terminated.   | Quarterly | 0         | Compliance<br>PHX   |
| Q1 Status Provided list of actions to Susanne Perkins on 10/15/15.   |           |           |                     |
| Q2 Status  |           |           |                     |
| Q3 Status  |           |           |                     |
| Q4 Status  |           |           |                     |
| 11 Complete a review and provide a response to automated<br>QNCR (major/minor) data to identify and data<br>inaccuracies |           |           |                     |
| a.   | 9/15/2015 | 9/15/2015 | Compliance<br>PHX   |
| Q1 Status  |           |           |                     |
| Q2 Status  |           |           |                     |
| Q3 Status  |           |           |                     |
| Q4 Status  |           |           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target     | Actual                | Responsible Section |
|--|------------|-----------------------|---------------------|
| b.   | 12/15/2015 | 12/15/2015            | Compliance<br>PHX   |
| Q1 Status  |            |                       |                     |
| Q2 Status  |            |                       |                     |
| Q3 Status  |            |                       |                     |
| Q4 Status  |            |                       |                     |
| c.   | 3/16/2016  | 3/16/2016             | Compliance<br>PHX   |
| Q1 Status  |            |                       |                     |
| Q2 Status  |            |                       |                     |
| Q3 Status  |            |                       |                     |
| Q4 Status  |            |                       |                     |
| d.   | 6/16/2016  | 6/16/2016             | Compliance<br>PHX   |
| Q1 Status  |            |                       |                     |
| Q2 Status  |            |                       |                     |
| Q3 Status  |            |                       |                     |
| Q4 Status  |            |                       |                     |
| 12 Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list. | Monthly    | Held monthly meetings | Compliance<br>PHX   |
| Q1 Status  |            |                       |                     |
| Q2 Status ADEQ continues to meet on a monthly basis with the EPA.  |            |                       |                     |
| Q3 Status  |            |                       |                     |
| Q4 Status  |            |                       |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## TASK 4.3 Surface Water Compliance and Enforcement

Continued

### 4.3 DELIVERABLES

| OUTPUT DESCRIPTION   | Target   | Actual   | Responsible Section |
|--|----------|--|---------------------|
| 13 Update the Compliance Monitoring Strategy Worksheet for FY17. | 8/1/2016 | ADEQ is waiting guidance from the EPA regarding changes to the form. | Compliance PHX      |

Q1 Status Pending guidance from EPA Region IX regarding form. Will be discussed in November 2015 call.

Q2 Status ADEQ has been unable to complete the compliance strategy worksheet. ADEQ is still awaiting guidance from the EPA regarding changes to the form.

Q3 Status

Q4 Status

| 4.3 FTE Funding Source         | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|--------------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-AZPDES PPG [Match]        | 0.83  | 38,496    | 16,938  | 24,801   |        | 80,235    |
| WQFF-AZPDES NPS in PPG [Match] | 0.43  | 22,679    | 9,979   | 14,611   |        | 47,269    |
| WQFF-AZPDES                    | 6.99  | 379,446   | 166,956 | 244,460  |        | 790,862   |
| PPG                            | 3.46  | 161,988   | 71,275  | 104,362  |        | 337,625   |
| TOTALS                         | 11.71 | 602,609   | 265,148 | 388,234  |        | 1,255,991 |

## End of Year Summary

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,  
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

### 5.1 DELIVERABLES

| OUTPUT DESCRIPTION                                   | Target    | Actual     | Responsible Section |
|--|-----------|------------|---------------------|
| 1 Participate in EPA/ADEQ grant meetings:            |           |            |                     |
| a End of year review for FY15                        | 9/30/2015 | 12/17/2015 | All Sections        |
| Q1 Status  |           |            |                     |
| Q2 Status  |           |            |                     |
| Q3 Status  |           |            |                     |
| Q4 Status  |           |            |                     |
| b Mid-year review for FY16                           | 2/29/2016 | 4/6/2016   | All Sections        |
| Q1 Status  |           |            |                     |
| Q2 Status  |           |            |                     |
| Q3 Status  |           |            |                     |
| Q4 Status  |           |            |                     |
| c EPA negotiation meetings for FY17                  | 3/31/2016 | 4/6/2016   | All Sections        |
| Q1 Status  |           |            |                     |
| Q2 Status  |           |            |                     |
| Q3 Status  |           |            |                     |
| Q4 Status  |           |            |                     |
| 2 Manage division rules agenda                       |           |            |                     |
| a 5-year reviews                                     | 6/30/2016 | ongoing    | Director            |
| Q1 Status  |           |            |                     |
| Q2 Status  |           |            |                     |
| Q3 Status  |           |            |                     |
| Q4 Status  |           |            |                     |
| b Executive Order 2015-01 reducing regulatory burden | 8/1/2015  | 8/31/2015  | Director            |
| Q1 Status  |           |            |                     |
| Q2 Status  |           |            |                     |
| Q3 Status  |           |            |                     |
| Q4 Status  |           |            |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,  
SWR

## TASK 5.1 Division & Section Management & Support

Continued

### 5.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target     | Actual                      | Responsible Section |
|--|------------|-----------------------------|---------------------|
| c Rule packages with governor's exemption  | 6/30/2016  | ongoing                     | Director            |
| Q1 Status  |            |                             |                     |
| Q2 Status  |            |                             |                     |
| Q3 Status  |            |                             |                     |
| Q4 Status  |            |                             |                     |
| 3 Manage receipt of fees and permit invoicing for the Division                           | 6/30/2016  | ongoing                     | Deputy Director     |
| Q1 Status  |            |                             |                     |
| Q2 Status  |            |                             |                     |
| Q3 Status  |            |                             |                     |
| Q4 Status  |            |                             |                     |
| 4 If resources are available, ADEQ will attend the:                                      |            |                             |                     |
| a Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.                   | 10/30/2015 | 10/22/2015                  | Drinking Water      |
| Q1 Status  |            |                             |                     |
| Q2 Status  |            |                             |                     |
| Q3 Status  |            |                             |                     |
| Q4 Status  |            |                             |                     |
| b Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions.                 | 4/30/2016  | 3/24/2016                   | Drinking Water      |
| Q1 Status  |            |                             |                     |
| Q2 Status  |            |                             |                     |
| Q3 Status  |            |                             |                     |
| Q4 Status  |            |                             |                     |
| 5 If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting. | 6/30/2016  | No meeting was held in FY16 | Drinking Water      |
| Q1 Status  |            |                             |                     |
| Q2 Status  |            |                             |                     |
| Q3 Status  |            |                             |                     |
| Q4 Status  |            |                             |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,  
SWR

## TASK 5.1 Division & Section Management & Support

Continued

### 5.1 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual    | Responsible Section |
|--|-----------|-----------|---------------------|
| 6 If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.<br><br>Q1 Status<br>Q2 Status No requests received<br><br>Q3 Status<br>Q4 Status  | 6/30/2016 |           | Drinking Water      |
| 7 In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation, and disposal, and/or energy efficiency and conservation.<br><br>Q1 Status<br>Q2 Status No activity to date<br><br>Q3 Status<br>Q4 Status | 6/30/2016 | 6/30/2016 | All Sections        |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,  
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.1 Division & Section Management & Support

Continued

| 5.1 FTE Funding Source                  | FTE   | Personnel | ERE     | Indirect | Others  | Total     |
|---|-------|-----------|---------|----------|---------|-----------|
| WQFF-AZPDES PPG [Match]                 | 0.21  | 23,767    | 10,457  | 15,312   |         | 49,536    |
| WQFF-AZPDES                             | 3.22  | 172,577   | 75,934  | 111,184  |         | 359,695   |
| WQFF-APP PPG [Match]                    | 0.20  | 22,637    | 9,960   | 14,584   |         | 47,181    |
| WQFF-APP                                | 11.34 | 600,903   | 264,397 | 387,135  |         | 1,252,435 |
| SDW (VEI) DWSRF 10% [Match]             | 1.00  | 68,760    | 30,254  | 44,299   |         | 143,313   |
| SDW (VEI)                               | 2.03  | 157,352   | 69,235  | 101,375  |         | 327,962   |
| PPG                                     | 6.14  | 377,210   | 165,972 | 243,020  |         | 786,202   |
| Contract: Program Support (WQFF-AZPDES) |       |           |         |          | 20,000  | 20,000    |
| Contract: Permit Appeals (WQFF-APP)     |       |           |         |          | 44,600  | 44,600    |
| Contract: Education & Training (PPG)    |       |           |         |          | 30,000  | 30,000    |
| Contract: Attorney General (SDW-VEI)    |       |           |         |          | 50,000  | 50,000    |
| Contract: Attorney General (PPG)        |       |           |         |          | 50,000  | 50,000    |
| Contract: AD & SRO (WQFF-APP/AZPDES/DW) |       |           |         |          | 24,534  | 24,534    |
| TOTALS                                  | 24.14 | 1,423,206 | 626,209 | 916,909  | 219,134 | 3,185,458 |

## End of Year Summary

Del. 5.1.6 ADEQ is an active member of the ASDWA Small Systems workgroup and regularly attends the conference calls. ADEQ also has responded to multiple surveys and data requests from ASDWA during the fiscal year.



# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,  
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

### 5.2 DELIVERABLES

| OUTPUT DESCRIPTION  | Target    | Actual    | Responsible Section |
|---|-----------|-----------|---------------------|
| 1 Develop annual FY17 Integrated Water Quality Division Workplan and submit to EPA. |           |           |                     |
| a Draft   | 2/29/2016 |           | Director            |
| Q1 Status   |           |           |                     |
| Q2 Status   |           |           |                     |
| Q3 Status   |           |           |                     |
| Q4 Status   |           |           |                     |
| b Final   | 5/31/2016 |           | Director            |
| Q1 Status   |           |           |                     |
| Q2 Status   |           |           |                     |
| Q3 Status   |           |           |                     |
| Q4 Status   |           |           |                     |
| 2 Coordinate development of performance reports                                     |           |           |                     |
| a Final FY15 Output Report to EPA   | 8/31/2015 | 8/17/2015 | Director            |
| Q1 Status   |           |           |                     |
| Q2 Status   |           |           |                     |
| Q3 Status   |           |           |                     |
| Q4 Status   |           |           |                     |
| b FY16 Mid-Year Output Report to EPA  | 2/15/2016 |           | Director            |
| Q1 Status   |           |           |                     |
| Q2 Status In progress   |           |           |                     |
| Q3 Status In progress   |           |           |                     |
| Q4 Status   |           |           |                     |
| 3 WQ Planning documents   |           |           |                     |
| a Distribute workplan books for FY16 start-up                                       | 7/31/2015 |           | Director            |
| Q1 Status   |           |           |                     |
| Q2 Status   |           |           |                     |
| Q3 Status   |           |           |                     |
| Q4 Status   |           |           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,  
SWR

## TASK 5.2 Water Quality Planning

Continued

### 5.2 DELIVERABLES

| OUTPUT DESCRIPTION  | Target   | Actual    | Responsible Section |
|---|--|-----------|---------------------|
| b Finalize spreadsheets for FY17 startup  | 5/31/2016  |           | Director            |
| Q1 Status   |  |           |                     |
| Q2 Status   |  |           |                     |
| Q3 Status   |  |           |                     |
| Q4 Status   |  |           |                     |
| c Hold conference calls with EPA regarding budget updates (FY15 FSR Review & FY16 Update) | 6/30/2016  |           | Director            |
| Q1 Status   |  |           |                     |
| Q2 Status   |  |           |                     |
| Q3 Status   |  |           |                     |
| Q4 Status   |  |           |                     |
| di Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG)  | Quarterly:<br>10/31/2015<br>1/31/2016<br>4/30/2016 | Quarterly | Director            |
| Q1 Status   |  |           |                     |
| Q2 Status 10/31/2015 & 01/31/2016   |  |           |                     |
| Q3 Status 1/16/2016   |  |           |                     |
| Q4 Status   |  |           |                     |
| dii Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside       | Quarterly:<br>10/31/2015<br>1/31/2016<br>4/30/2016 | Quarterly | Director            |
| Q1 Status   |  |           |                     |
| Q2 Status 10/31/2015 & 01/31/2016   |  |           |                     |
| Q3 Status 1/16/2016   |  |           |                     |
| Q4 Status   |  |           |                     |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,  
SWR

## TASK 5.2 Water Quality Planning

Continued

### 5.2 DELIVERABLES

#### OUTPUT DESCRIPTION

diii Submit Budget Status Reports (BSR) summaries for:  
Wellhead (10%) Set-Aside

#### Target

Quarterly:  
10/31/2015  
1/31/2016  
4/30/2016

#### Actual

Quarterly

#### Responsible Section

Director

Q1 Status

Q2 Status 10/31/2015 & 01/31/2016

Q3 Status 1/16/2016

Q4 Status

| 5.2 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| PPG                    | 1.68 | 76,754    | 33,772 | 49,449   |        | 159,975 |
| TOTALS                 | 1.68 | 76,754    | 33,772 | 49,449   |        | 159,975 |

### End of Year Summary

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,  
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.

### 5.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target    | Actual    | Responsible Section   |
|---|-----------|-----------|---|
| 1 Conduct gap analysis to inform design and programming of the required systems to implement EPA's E-reporting rule, including E-DMR.           | 6/30/2016 |           | ITS<br>Director<br>Compliance   |
| Q1 Status   |           |           |   |
| Q2 Status Gap analysis should begin in third quarter of 2016  |           |           |   |
| Q3 Status Gap analysis should begin in third quarter of 2016  |           |           |   |
| Q4 Status   |           |           |   |
| 2 Complete gap analysis to allow participating laboratories to transmit test data to SDWIS (lab to state).                                      | 7/31/2015 | 6/30/2016 | ITS<br>Director<br>Drinking Water   |
| Q1 Status   |           |           |   |
| Q2 Status ADEQ is awaiting completion of the CMDP in order to leverage those resources instead of utilizing Lab to State.                       |           |           |   |
| Q3 Status   |           |           |   |
| Q4 Status Testing on Lab2State was successfully completed by end of Q4 and awaiting submission from participating laboratory.                   |           |           |   |
| 3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database. | 6/30/2016 |           | ITS<br>Director   |
| Q1 Status   |           |           |   |
| Q2 Status Ongoing   |           |           |   |
| Q3 Status Ongoing   |           |           |   |
| Q4 Status Ongoing   |           |           |   |
| 4 Continue to assist in the analysis and design of myDEQ.   | 6/30/2016 |           | ITS<br>Director<br>Permits<br>Surface Water<br>Compliance<br>Drinking Water |
| Q1 Status   |           |           |   |
| Q2 Status Ongoing   |           |           |   |
| Q3 Status Ongoing   |           |           |   |
| Q4 Status   |           |           |   |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,  
SWR

## TASK 5.3 Water Quality Data Management

Continued

### 5.3 DELIVERABLES

| OUTPUT DESCRIPTION  | Target    | Actual   | Responsible Section              |
|---|-----------|----------|----------------------------------|
| 5 Water Quality Database  |           |          |                                  |
| a Install new software and complete data migration to manage water quality data.  | 6/30/2016 |          | ITS<br>Director<br>Surface Water |
| Q1 Status   |           |          |                                  |
| Q2 Status Request for proposal expected to go to vendors during the third quarter of 2016   |           |          |                                  |
| Q3 Status Vendor picked and project awarded.  |           |          |                                  |
| Q4 Status   |           |          |                                  |
| b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution. | 6/30/2016 | 5/1/2016 | ITS<br>Director<br>Surface Water |
| Q1 Status   |           |          |                                  |
| Q2 Status Ongoing   |           |          |                                  |
| Q3 Status Ongoing   |           |          |                                  |
| Q4 Status   |           |          |                                  |
| 6 Stormwater general permits  |           |          |                                  |
| a Diagnose and fix bugs related to permits in storm water database, including annual fees program.  | 6/30/2016 |          | ITS<br>Director<br>Surface Water |
| Q1 Status   |           |          |                                  |
| Q2 Status Ongoing   |           |          |                                  |
| Q3 Status Ongoing   |           |          |                                  |
| Q4 Status   |           |          |                                  |
| b Diagnose and fix bugs related to storm water database e-permitting system, Smart-NOI.   | 6/30/2016 |          | ITS<br>Director<br>Surface Water |
| Q1 Status   |           |          |                                  |
| Q2 Status Ongoing   |           |          |                                  |
| Q3 Status Ongoing   |           |          |                                  |
| Q4 Status   |           |          |                                  |

# SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,  
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.3 Water Quality Data Management

Continued

### 5.3 DELIVERABLES

| OUTPUT DESCRIPTION | Target | Actual | Responsible Section |
|--------------------|--------|--------|---------------------|
|--------------------|--------|--------|---------------------|

#### 7 Reporting

|   |  |           |  |
|---|--|-----------|--|
| a | Develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data. | 6/30/2016 | ITS<br>Director<br>Surface Water<br>Compliance |
|---|--|-----------|--|

Q1 Status

Q2 Status Not currently targeted for this fiscal year

Q3 Status Project has begun and is on track.

Q4 Status

| 5.3 FTE Funding Source  | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|-------------------------|------|-----------|--------|----------|--------|---------|
| WQFF-AZPDES PPG [Match] | 0.25 | 13,039    | 5,737  | 8,400    |        | 27,176  |
| WQFF-AZPDES             | 0.84 | 56,112    | 24,689 | 36,150   |        | 116,951 |
| WQFF-APP                | 0.42 | 28,635    | 12,600 | 18,449   |        | 59,684  |
| PPG                     | 1.38 | 72,465    | 31,885 | 46,686   |        | 151,036 |
| TOTALS                  | 2.89 | 170,251   | 74,911 | 109,685  |        | 354,847 |

### End of Year Summary

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Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

### 5.4 DELIVERABLES

| OUTPUT DESCRIPTION  | Target                         | Actual | Responsible Section             |
|---|--------------------------------|--------|---------------------------------|
| 1 Provide engineering consultation to WIFA project managers during loan application process:  |                                |        |                                 |
| a Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.                                 | 2-5 projects every other month | 14     | Water Permits<br>Drinking Water |
| Q1 Status   |                                |        |                                 |
| Q2 Status   |                                |        |                                 |
| Q3 Status   |                                |        |                                 |
| Q4 Status   |                                |        |                                 |
| b Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.     | 3 projects every other month   | 1      | Water Permits<br>Drinking Water |
| Q1 Status   |                                |        |                                 |
| Q2 Status   |                                |        |                                 |
| Q3 Status   |                                |        |                                 |
| Q4 Status   |                                |        |                                 |
| c Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans.                               | 2-4 wastewater projects        | 0      | Water Permits<br>Drinking Water |
| Q1 Status   |                                |        |                                 |
| Q2 Status   |                                |        |                                 |
| Q3 Status   |                                |        |                                 |
| Q4 Status No assistance was requested during the Fiscal Year  |                                |        |                                 |
| 2 Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance. | 6 visits per year              | 0      | Water Permits<br>Drinking Water |
| Q1 Status   |                                |        |                                 |
| Q2 Status   |                                |        |                                 |
| Q3 Status   |                                |        |                                 |
| Q4 Status No assistance was requested during the Fiscal Year  |                                |        |                                 |

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## TASK 5.4 WIFA Support

Continued

### 5.4 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual    | Responsible Section             |
|--|-----------|-----------|---------------------------------|
| 3 Answer questions/provide engineering consultation to WIFA project managers as technical questions arise. | 6/30/2016 | 6/30/2016 | Water Permits<br>Drinking Water |
| Q1 Status  |           |           |                                 |
| Q2 Status  |           |           |                                 |
| Q3 Status  |           |           |                                 |
| Q4 Status  |           |           |                                 |

| 5.4 FTE Funding Source | FTE  | Personnel | ERE   | Indirect | Others | Total  |
|------------------------|------|-----------|-------|----------|--------|--------|
| SDW (VEI)              | 0.25 | 19,709    | 8,672 | 12,697   |        | 41,078 |
| TOTALS                 | 0.25 | 19,709    | 8,672 | 12,697   |        | 41,078 |

### End of Year Summary



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Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

### 5.5 DELIVERABLES

| OUTPUT DESCRIPTION  | Target    | Actual | Responsible Section |
|---|-----------|--------|---------------------|
| 1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region. Specific activities include:  |           |        |                     |
| a Provide technical support to stakeholders   | 6/30/2016 |        | SRO                 |
| Q1 Status   |           |        |                     |
| Q2 Status As needed   |           |        |                     |
| Q3 Status   |           |        |                     |
| Q4 Status   |           |        |                     |
| b Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities   | 6/30/2016 |        | SRO                 |
| Q1 Status   |           |        |                     |
| Q2 Status As needed   |           |        |                     |
| Q3 Status   |           |        |                     |
| Q4 Status   |           |        |                     |
| c Assist with coordination of training to enhance local pretreatment efforts  | 6/30/2016 |        | SRO                 |
| Q1 Status   |           |        |                     |
| Q2 Status As needed   |           |        |                     |
| Q3 Status   |           |        |                     |
| Q4 Status   |           |        |                     |
| d Assist with source characterization of regulated contaminants   | 6/30/2016 |        | SRO                 |
| Q1 Status   |           |        |                     |
| Q2 Status On November 24, forwarded recommendations to the U.S. International Boundary and Water Commission (IBWC) associated with review of a scope of work for source characterization of wastewater contamination in Ambos Nogales wastewater. |           |        |                     |
| Q3 Status   |           |        |                     |
| Q4 Status   |           |        |                     |

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Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

## TASK 5.5 Border Strategy

Continued

### 5.5 DELIVERABLES

| OUTPUT DESCRIPTION  | Target  | Actual | Responsible Section |
|---|---|--------|---------------------|
| 2 Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales | 6/30/2016   |        | SRO                 |
| Q1 Status   |   |        |                     |
| Q2 Status   | On October 5, participated in a teleconference with border-state representatives to discuss the next Good Neighbor Environmental Board (GNEB) advice letter for the President and Congress; recommendations were prepared in response to an action item from the conference. On October 8, submitted approved draft recommendations for the letter on behalf of Arizona to the board. On October 20, supported the Binational Technical Committee meeting hosted by the U.S. International Boundary and Water Commission (IBWC) in Nogales, Sonora, and developed a meeting summary for the same. On October 25, submitted a case study for the Sky Island Resource Cooperative Annual Report summarizing ADEQ's cases study for the GNEB's 16th annual report. The case study was accepted and published. On November 13, forwarded recommendations to the Border Environment Cooperation Commission associated with review of a Douglas Flood Mitigation Alternatives scope of work for the communities of Douglas-Agua Prieta. |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |
| 3 Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.   | 6/30/2016   |        | SRO                 |
| Q1 Status   |   |        |                     |
| Q2 Status   | As needed   |        |                     |
| Q3 Status   |   |        |                     |
| Q4 Status   |   |        |                     |

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## TASK 5.5 Border Strategy

Continued

### 5.5 DELIVERABLES

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section |
|--|-----------|--------|---------------------|
| 4 Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.   | 6/30/2016 |        | SRO                 |
| Q1 Status  |           |        |                     |
| Q2 Status  |           |        |                     |
| During this quarter, staff compiled and provided GIS files for the Santa Cruz River watershed to an EPA contractor working on a source characterization for wasted materials accumulated along Nogales Wash and Santa Cruz River. Booz Allen Hamilton used these files to develop maps of potential waste accumulation points prior to actual onsite field visits. (continued)<br>On December 16, participated in a teleconference with TetraTech, the Border Environment Cooperation Commission, and several Arizona municipalities to review the latest revisions to the final report for the EPA Border 2020 pretreatment toolkit project; staff provided feedback during and after the teleconference. On December 18, finalized a second case study on stormwater challenges in Ambos Nogales to include recommendations for Border Environment Infrastructure Fund eligibility criteria and grant management. (Draft in Review). |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status  |           |        |                     |
| 5 Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.  | 6/30/2016 |        | SRO                 |
| Q1 Status  |           |        |                     |
| Q2 Status  |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status  |           |        |                     |
| SRO staff assisted Watershed Protection staff in BMP evaluations, effectiveness monitoring, and Clean Water Plan updates in the San Pedro. Remote telecommunications equipment has been developed and tested by staff from both units.   |           |        |                     |
| 6 Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.  | 6/30/2016 |        | SRO                 |
| Q1 Status  |           |        |                     |
| Q2 Status  |           |        |                     |
| Q3 Status  |           |        |                     |
| Q4 Status  |           |        |                     |

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## TASK 5.5 Border Strategy

Continued

### 5.5 DELIVERABLES

| OUTPUT DESCRIPTION | Target | Actual | Responsible Section |
|--------------------|--------|--------|---------------------|
|--------------------|--------|--------|---------------------|

|  |           |  |     |
|--|-----------|--|-----|
| 7 Provide bilingual compliance assistance to customers in the border region. | 6/30/2016 |  | SRO |
|--|-----------|--|-----|

Q1 Status

Q2 Status

Q3 Status

Q4 Status

| 5.5 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| WQFF-AZPDES            | 0.44 | 29,210    | 12,853 | 18,819   |        | 60,882  |
| WQFF-APP               | 0.53 | 34,315    | 15,099 | 22,108   |        | 71,522  |
| Wellhead               | 0.33 | 21,920    | 9,645  | 14,122   |        | 45,687  |
| TOTALS                 | 1.30 | 85,445    | 37,597 | 55,049   |        | 178,091 |

### End of Year Summary